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6267  
**THE STORRS AND HARRISON CO.**

**PAINESVILLE  
NURSERIES**

**SPRING  
1919**



**PAINESVILLE, OHIO.**



SIX  
CHOICE  
ORCHID  
FLOWERED  
SPENCER  
SWEET  
PEAS

THE SET OF 6 POSTPAID FOR 40¢



GIANT COMET  
(ROSE PINK)  
PKT. 10¢



GIANT COMET  
(WHITE)  
PKT. 10¢



GIANT COMET  
(LAVENDER)  
PKT. 10¢

THE **STORRS AND HARRISON CO.**  
PAINESVILLE, OHIO.

GIANT  
COMET  
ASTERS THE THREE  
VARIETIES FOR 20¢

STECHER & SPOONER CO. CHICAGO



# CATALOGUE No 2

SPRING 1919



## "The Painesville Nurseries"

This house was established in 1854. It has thus been in uninterrupted operation for 65 years, expanding normally from year to year. Today it is rated high among the great American houses devoted to the Nursery business and its allied trades; and is generally conceded to be the leading Departmental Nursery in America.

We believe the three most important elements entering into its past success are these: It started with, and has striven to maintain an ideal. It has played fair with its customers, and acquired their faith. It has proven the established quality of its goods, and earned respect.

IN compliance with the government's request for a ten per cent reduction in the use of paper, we have boiled down our catalogue to 176 pages. Although not so copiously illustrated as usual, it is no less complete in its annual offering of highest quality stock in all standard varieties; covering every planting requirement.

Sincerely, **THE STORRS & HARRISON CO., Painesville, Ohio.**



## "On Account of the War"

How many times we have had to write it! The average person can never realize how the Nursery industry has been crippled, or under what handicap and loss it has continued operation. Conservation of money, time and labor cut in disastrously on sales. Operating expenses leaped beyond conception. It was impossible to obtain many necessary materials at any cost. It has been extremely difficult to safely deliver our products. But—**The War is Over.** Although many war-time difficulties will persist indefinitely, the silver lining is beginning to show. The Nursery Business can now indulge in hope and faith in the ultimate resumption of normal conditions, with an added impetus to counteract the planting interruptions of the past two years.

**Our Complete Stock** makes it possible for customers to secure everything needed for orchard, kitchen-garden, lawn, flowerbeds, window-garden or conservatory in one order and at one shipment, thereby saving a large per cent. of the express or freight charges that would be incurred by ordering from half a dozen localities.

**Novelties** and new varieties will be found offered under their respective headings. We endeavor to test all new American and European introductions, offering only those we believe will be of value, and discarding old sorts only as they are superseded by better kinds.

**Departments Separate.** Our Seed, Plant and Fruit departments are entirely separate. Often the seeds or plants on a combined order may be sent 24 to 48 hours before the balance of order is filled; if only part of order is received, please wait two or three days for balance, before writing us.

**How to Order.** Please use order sheets found in front part of this catalogue, carefully filling in blank spaces and enclosing payment for full amount of order. Write very plainly, or print: name, post office, county, state, street and house number or R. F. D. where you get your mail; with explicit directions if stock is to be shipped to some other town. To avoid mistakes do not write letters on same sheet as orders.

**When to Order.** We are prepared to fill orders as soon as this catalogue reaches you. Send in your combined orders for seeds, trees and plants, and if you do not wish trees and plants sent until time to plant in your locality, will send seeds at once and balance of order later. If you want part or all of order held, state it distinctly, with date when shipment is to be made.

**Non-Warranty.** While we hold ourselves in readiness, on proper proof, to replace free of charge all trees, etc., that may prove untrue to label, or refund the amount paid, we give no warranty expressed or implied as to description, quality, productiveness or any other matter of any Nursery stock, seeds, bulbs or plants we sell.

**Our Guarantee.** All goods are guaranteed to reach you in good condition; mistakes, if made, will be promptly rectified; examine and count on receipt and notify us at once should there be any errors or damaged stock. This guarantee not good unless above requirements are complied with. We do not guarantee continued growth. Remember a tree, shrub or plant is a living organism, as much as a cow, horse or man. It breathes, drinks and feeds, and is liable to attacks of disease and insects. At prices we sell, it is impossible for us to guarantee growth or to be responsible for stock after delivery to our customers in good condition.

**THE STORRS & HARRISON CO., Painesville, Ohio.**

**Remittances** should be made by post-office or express money order, bank draft or registered letter. Remittances in any other way are entirely at sender's risk. Personal checks not accepted unless enough is added to cover bank exchange.

**Postpaid by Mail.** We deliver postpaid to any post-office in the United States any article in this catalogue offered by mail.

Please bear in mind that parcels post shipments are limited in weight and volume, thus restricting mail service to small sized articles and rather small quantities.

**Express Preferable.** We do not prepay express charges, but offer reduced express price instead. Where distance is not too great it is best to order by express; stronger stock in better condition can be sent, and if goods are miscarried or damaged, they can be more easily traced and damage rectified.

**Catalogues.** The following editions (except No. 1) free to all planters:  
No. 1—Complete new edition, one of the best descriptive catalogues issued; offering and describing a full line of fruit and ornamental trees, grape-vines, small fruits, roses, shrubs, climbing vines and hardy plants, with instructions for planting, spraying, etc., profusely illustrated with half-tone cuts from photographs of desirable specimens. Price 10 cts.

No. 2—This one.

No. 3—Holland and other bulbs for fall planting, winter-blooming plants, hardy perennial plants, shrubs, fruits, small fruits, grape vines, etc., issued during August.

**Orders less than \$1.** We cannot afford to fill orders of less amount than one dollar, unless, in addition to amount for plants wanted, ten cents is sent. This does not apply to Seed orders.

(Signed) **THE STORRS & HARRISON CO.**





**T**HE great war is over, but the demand for food will still be as great the coming year. Last year thousands and thousands of war gardens throughout the land contributed in a large measure to the success of the Allied Armies and our ultimate victory. Maximum production must again be secured this year and every "war garden" of the past year should be succeeded by a "victory garden," cultivated as diligently the coming season. The first assurance of a profitable harvest is good reliable seed. The following lists of seeds represent the very best varieties and strains of the vegetables listed it is possible to produce. Our stocks are all grown by reliable experienced growers who have made the production of quality seed a study. We offer them to our trade with confidence that they will meet the test of the most critical planter.

**About Prices.** At prices named we guarantee that all seeds you may order in Packets, Ounces, Pounds or Two Pounds, will be delivered to your home or post-office postpaid. If ordered delivered by express or freight at above prices deduct for postage at the rate of ten cents for each pound.

Unless noted all other quantities larger than two pounds will be sent at purchaser's expense by either Express or Freight.

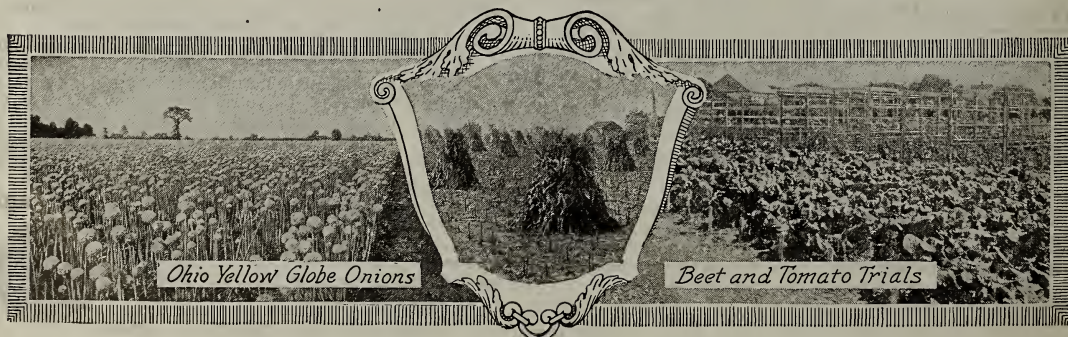
**Days Required.** For convenience we have placed in figures after the name of each variety of vegetables, the approximate number of days required from seed sowing for that variety to reach the state when it is ready for harvest and market. This feature of our catalogue has received much praise from our customers, many of whom have complimented us upon its installation and assured us of the valuable service it renders them. These figures are based upon tests made in our own locality under average growing conditions and it should be borne in mind that as climate, rainfall, soil and location all have so much to do with crop production, the number of days given will vary with different conditions.

**All Seed Tested.** It is only too well known that not all seed produced is good or suitable for sowing. It is our policy to send out only seed of the highest quality and germination. Following this policy we carefully and thoroughly test out each lot as it is received, discarding all that do not measure up to our standard. Our customers are thus relieved of costly experimenting with seed of unknown value and may be assured that the seeds we send them have first proven their merit. The purchaser of seeds, unlike the buyer of any other commodity, is unable to judge by appearances the value of his purchase and must rely to a great extent upon the confidence he has in his seedsman. We value above all else the confidence of our customers and endeavor to have every transaction increase the faith entrusted in us.

**Our Seed Trade** is entirely through this catalogue. It is the only agent we employ. We send out no seeds to be sold again on commission, but—deal direct with the planters—devoting all of our resources to supplying them with the best and finest stocks obtainable. The substantial increase our business receives each year assures us that our efforts are not in vain and that our seeds are meeting the requirements of the most particular planters.

**Guarantee of Genuineness.** While we exercise great diligence and care to have all of our seeds true to name and hold ourselves in readiness, on proper proof, to replace all Seed that may prove untrue to name, free of charge or refund the amount paid, it is mutually understood and agreed to, between the purchaser and ourselves, that our guarantee of genuineness shall in no case make us liable for any sum greater than that originally received for said seeds that prove untrue.

(Signed) **THE STORRS & HARRISON CO.**



# COLLECTION A A COMPLETE VEGETABLE GARDEN FOR A GOOD SIZED FAMILY \$1.00 POSTPAID

This collection comprises all of the principal vegetables and is sufficient seed for a large garden.

30  
Packets  
of  
Choice  
Vegetable  
Seeds

- |  |   |
|--|---|
| 1 Packet Bean, Davis Wax.                  | 1 Packet Water Melon, Ice Cream.          |
| 1 Packet Beet, Edmand's Early Turnip.      | 1 Packet Onion, Yellow Globe Danvers.     |
| 1 Packet Cabbage, Early Winningstadt.      | 1 Packet Parsley, Moss Curled.            |
| 1 Packet Cabbage, Premium Late Flat Dutch. | 1 Packet Parsnip, Hollow Crown.           |
| 1 Packet Carrot, Chantenay.                | 1 Packet Peas, Horsford's Market Garden.  |
| 1 Packet Celery, White Plume.              | 1 Packet Pumpkin, Sugar.                  |
| 1 Packet Corn, Stowell's Evergreen.        | 1 Packet Radish, Icicle.                  |
| 1 Packet Cucumber, Cool and Crisp.         | 1 Packet Radish, Early Round Scarlet.     |
| 1 Packet Cucumber, Everbearing.            | 1 Packet Salsify or Vegetable Oyster.     |
| 1 Packet Egg Plant, Imp. Large Purple.     | 1 Packet Spinach.                         |
| 1 Packet Lettuce, Denver Market.           | 1 Packet Squash, Crookneck.               |
| 1 Packet Lettuce, New York.                | 1 Packet Squash, Golden Hubbard.          |
| 1 Packet Musk Melon, Jenny Lind.           | 1 Packet Tomato, Earliana.                |
| 1 Packet Musk Melon, Rocky Ford.           | 1 Packet Tomato, Coreless.                |
| 1 Packet Water Melon, Cole's Early.        | 1 Packet Turnip, Purple Top, White Globe. |

# Collection B 15 FULL SIZE PACKETS OF SEEDS OF VEGETABLES REQUIRING LITTLE ROOM 50 Cts. POSTPAID

Selected  
for the  
Small City  
Garden

- |                                       |   |
|---------------------------------------|---|
| 1 Packet Beet, Edmand's Early Turnip. | 1 Packet Radish, Early Round Scarlet.     |
| 1 Packet Carrot, Chantenay.           | 1 Packet Parsnip, Hollow Crown.           |
| 1 Packet Radish, Cincinnati Market.   | 1 Packet Parsley, Moss Curled.            |
| 1 Packet Cucumber, Early Fortune.     | 1 Packet Salsify, Sandwich Island.        |
| 1 Packet Celery, Columbia.            | 1 Packet Spinach, Savoy.                  |
| 1 Packet Lettuce, Big Boston.         | 1 Packet Squash, Bush Fordhook.           |
| 1 Packet Lettuce, Imp. Hanson.        | 1 Packet Turnip, Early White, Flat Dutch. |
| 1 Packet Onion, Ohio Yellow Globe.    |   |

## THE BACK COVER COLLECTION

On the back cover of this catalogue we have pictured, in their natural colors, four of our choicest vegetables. These have been selected because of their superior qualities—we consider each vegetable to be the best in its class and in order that they may be better known we have made a collection of the group. Each variety will be found accurately described in the following pages under its respective class. This collection comprises one packet each of

**BEET**—Detroit Dark Red  
**CORN**—Bantam Evergreen

**PEA**—Little Marvel  
**RADISH**—Scarlet Globe

One Packet  
Each of  
the Four  
Postpaid  
For 30c

## ARTICHOKE

Raised for the young green flower heads which are usually boiled or baked and eaten with a butter sauce.

**CULTURE.** To obtain globes the first year, the seed should be sown in February or March and kept growing until the weather is suitable to transplant to the open ground. Seed sown in May will not bear globes until the following year. Transplant into rows three feet apart, setting the plants two feet apart in the row. Protect through the winter by mulching and earthing up around the plants.

**Green Globe** This is the very best variety. Large elongated green heads, very tender and delicious. Pkt. 10 cts., oz. 50 cts., ¼ lb. \$1.75.

## ASPARAGUS

1 ounce to fifty feet of drill

**CULTURE.** Seed of asparagus should be sown early in the spring, in drills two inches deep. When seedlings are one or two years old transplant (for the family garden) twelve to eighteen inches apart in the row, and cover crowns to a depth of two inches. For commercial usage plant in rows four to five feet apart, placing crowns eight to ten inches apart in the row. (For field grown roots, see Page 159.)

**Columbian Mammoth White. (2 years)** This is a very vigorous growing sort producing splendid white shoots of the very finest quality. We can highly recommend this variety. Pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 85 cts.

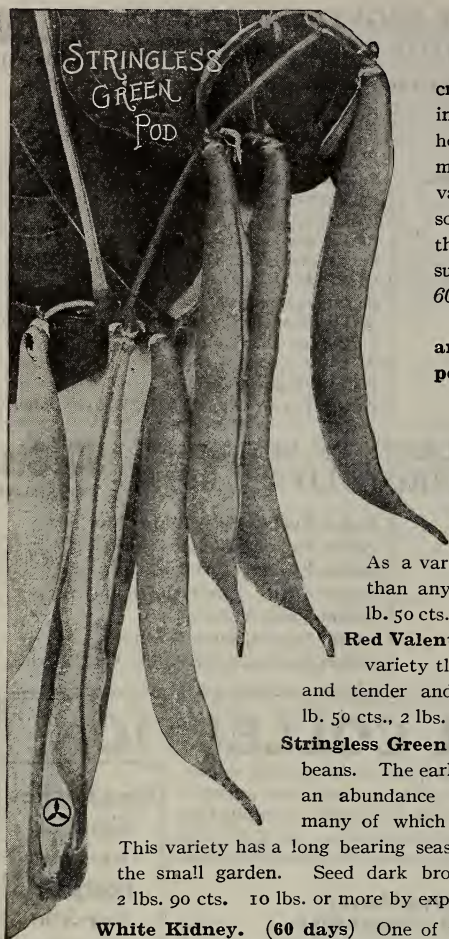
**Conover's Colossal. (2 years)** A well known standard variety, very large strong shoots of excellent quality, not as clear white as Mammoth White, but preferred by many. Pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 85 cts.

**Palmetto. (2 years)** The very earliest variety and of the green type, delicious flavor and very popular and profitable as a market variety. Pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 85 cts.

## BRUSSELS SPROUTS

The small cabbage-like heads are much esteemed for boiling. After the heads have become well started the lower leaves may be stripped to admit light and air. Not hardy in this section, but the quality is improved with frosts.

**Improved Dwarf. (125 days)** Grows 1½ feet high and is very productive. Pkt. 10 cts., oz. 35 cts.



## BEANS

**CULTURE.** A light loam is best adapted to a perfect bean crop. Plant as soon as the ground has become thoroughly warm in rows from two feet for hand cultivation to three feet apart for horse cultivation. Cultivate thoroughly and often, keeping a mulch of loose soil at all times. When beans are in bloom cultivate shallow, as deep cultivation at this time causes many blossoms to drop, decreasing the yield. This extra effort will more than repay you in the quality and quantity of your crop. For a succession plant every two weeks. *One pound for fifty feet of row, 60-120 pounds per acre.*

**Note:** We quote beans by the pound and not by the pint and quart. Prices quoted for packets, pounds and two pounds are postage paid by us.

### GREEN PODDED Bush Varieties

**Black Valentine. (40 days)** An extremely early, vigorous growing green podded variety, earlier than Red Valentine, very long and slender round pods of exceptional quality.

As a variety for very early planting it stands cold and damp soil better than any other sort. Absolutely rust proof, seed black. Pkt. 15 cts., lb. 50 cts., 2 lbs. 90 cts. 10 lbs. or more by express at 25 cts. per lb.

**Red Valentine. (43 days)** (Round Pod.) This is an early standard variety that is hard to beat. Pods of medium length, round, very fleshy and tender and of good flavor, seed long, of medium size. Pkt. 15 cts., lb. 50 cts., 2 lbs. 90 cts. 10 lbs. or more by express at 25 cts. per lb.

**Stringless Green Pod. (42 days)** One of the finest stringless green podded beans. The earliest and most hardy, producing an abundance of large handsome round pods, many of which measure six inches in length.

This variety has a long bearing season, making it very desirable for the small garden. Seed dark brown. Pkt. 15 cts., lb. 50 cts., 2 lbs. 90 cts. 10 lbs. or more by express at 25 cts. per lb.

**White Kidney. (60 days)** One of the best of the Field or Winter beans. Large flat green pods well filled with big white kidney shaped beans. Makes an excellent baking sort and are always in demand in every market. Pkt. 10 cts., lb. 50 cts., 2 lbs. 90 cts. 10 lbs. or more by express at 25 cts. per lb.

**White Marrow. (60 days)** Extensively grown for sale as a field bean for winter use. Seeds large white, twice the size of the Navy or Pea bean, to which it is superior in every way. Pkt. 10 cts., lb. 50 cts., 2 lbs. 90 cts. 10 lbs. or more by express at 25 cts. per lb.

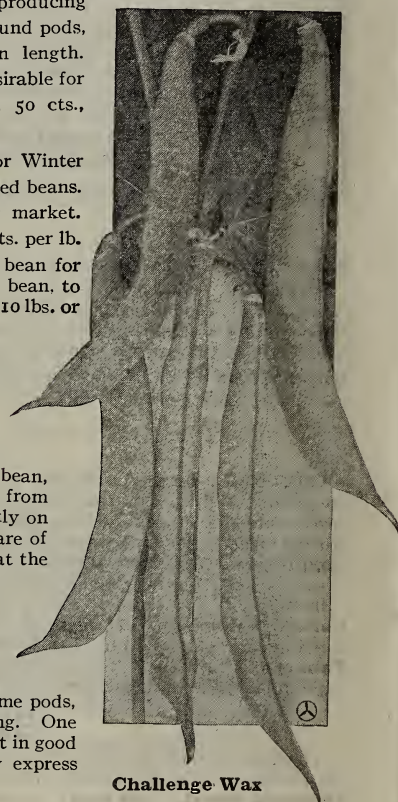
**Navy.** A sure cropper and very productive. Much desired for baking as the quality is the best. Dry beans, small, oval, white, green podded. Pkt. 15 cts., lb. 45 cts., 2 lbs. 80 cts. By express 10 lbs. or over at 22 cts. per lb.

### WAX OR YELLOW PODDED VARIETIES

**Burpee's New Kidney Wax. (48 days)** Two characteristics of this bean, which make it at once popular upon the first trial, are its freedom from disease and the abundance of pods. The fleshy flat pods hang thickly on the plants, are of fine flavor, stringless and free from rust. The pods are of a beautiful lemon yellow, larger than those of Wardwell's which mature at the same time. Pkt. 15 cts., lb. 60 cts., 2 lbs. \$1.10, 10 lbs. or over at 35 cts.

**Challenge Black Wax. (43 days)** One of the first to give a full picking. The vines are well loaded with pods which are of a pleasing light yellow color, round, fleshy, tender and stringless. Pkt. 15 cts., lb. 60 cts., 2 lbs. \$1.10. 10 lbs. or more by express at 30 cts. per lb.

**Davis Kidney Wax. (40 days)** This returns a large yield of handsome pods, which are long, flat, clear waxy white in color and do not stain in canning. One of the best sorts for market we have as it ships well, reaching the market in good condition. Pkt. 15 cts., lb. 60 cts., 2 lbs. \$1.10. 10 lbs. or more by express at 30 cts. per lb.



Challenge Wax

## BEANS

### WAX PODDED (Continued)

**Detroit Wax. (45 days)** The erect plants of this early dwarf variety are hardy and productive. Pods are of an attractive bright yellow color, broad and flat, four to five inches long. An excellent sort for market, shipping or home use. Pkt. 15 cts., lb. 60 cts., 2 lbs. \$1.10. 10 lbs. or more by express at 35 cts. per lb.

**Improved Golden Wax. (40 days)** One of the earliest beans on the market. Pods are of good length, oval, quite thick and broad; they are entirely stringless, of a clear, waxy, golden yellow, and of fine buttery flavor. Seed white, mottled brown. Pkt. 15 cts., lb. 60 cts., 2 lbs. \$1.10. 10 lbs. or more at 30 cts. per lb.

**Hodson Wax. (50 days)** A vigorous grower and the yield of large handsome pods is enormous. Their color is a clear creamy white; very long, straight or slightly curved, flat but fleshy. While late in maturing, the remarkable vigor of the plant is an effectual safeguard against blight and other bean disease. Seed light yellowish brown splashed with dull crimson. Pkt. 15 cts., lb. 60 cts., 2 lbs. \$1.10. 10 lbs. or more at 30 cts. per lb.

**Wardwell's Kidney Wax. (48 days)** One of the most popular in this section of all the wax beans. The strong vines yield abundantly, pods long, flat, broad and of a delicate waxy yellow, brittle and of the best quality. The large size of the pods make this sort especially desirable for either home or market use. Seed white, mottled with dark around the eye. Pkt. 15 cts., lb. 60 cts., 2 lbs. \$1.10. 10 lbs. or more at 35 cts. per lb.

### POLE or RUNNING BEANS

Plant from 10th to 15th of May in this latitude. The soil should be well enriched. Set poles four feet apart each way and plant six to eight beans around them, when well started thin to three plants to each hill.

**Early Golden Cluster Wax. (72 days)** The finest of all the wax podded pole beans. It bears profusely its large, flat, golden yellow pods in clusters of three to six from bottom to top of pole, and continues in bearing long. Seed white. Pkt. 15 cts., lb. 65 cts., 2 lbs. \$1.20.

**Old Homestead or Kentucky Wonder. (65 days)** An excellent green podded variety; enormously productive, the long pods hanging in great clusters along the entire vine. Seed dark brown. Pkt. 15 cts., lb. 50 cts., 2 lbs. 90 cts. 10 lbs. or over by express at 30 cts. per lb.

**Lazy Wife. (70 days)** One of the best for snaps of the later green podded Pole Beans. Pods, borne in large clusters, are long, broad, thick and fleshy. Dry beans are excellent for winter use. Seed white. Pkt. 15 cts., lb. 60 cts., 2 lbs. \$1.10.

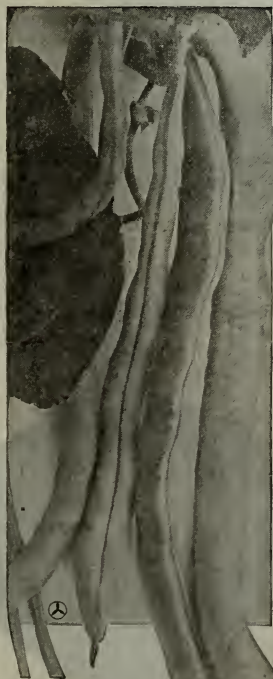
**Horticultural or Wren's Egg. (75 days)** This is the corn field favorite, the so called October pole bean. Does equally as well planted in corn as on poles. Bean large, round, pink striped with red, of excellent flavor, used in pods or shelled, pods light green striped with red. Pkt. 15 cts., lb. 50 cts., 2 lbs. 90 cts.

### LIMA BEANS

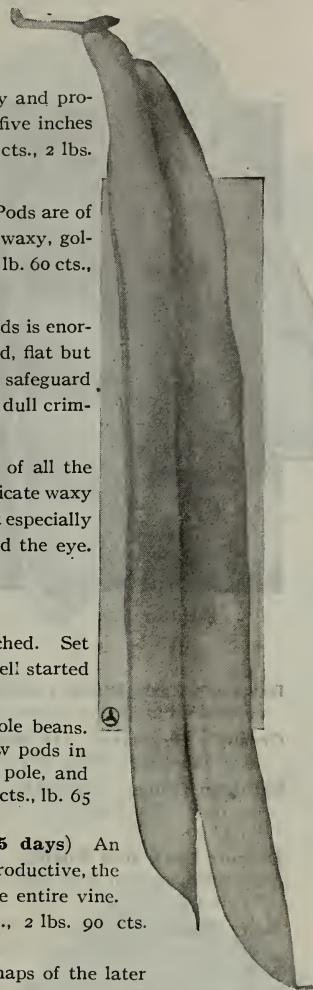
The Limas being more tender and liable to rot, if it is cold and wet, must be planted later, about the last of May or first week in June. Plant about one inch deep.

**Green Prolific. (80 days)** An early and the most productive pole Lima we have ever seen. The strong vigorous vines bear large clusters of six to eight pods containing five to six perfectly formed beans, as large as any of the other sorts. The shelled beans have the true dark green color so long sought after by many growers. Pkt. 15 cts., lb. 55 cts., 2 lbs. 1.00. 10 lbs. or more by express at 30 cts. per lb.

**King of the Garden. (90 days)** A vigorous grower bearing profusely large pods. The beans are of good size and have a flavor that is unsurpassed by any variety. Pkt. 15 cts., lb. 50 cts., 2 lbs. 90 cts. 10 lbs. or more by express at 30 cts. per lb.

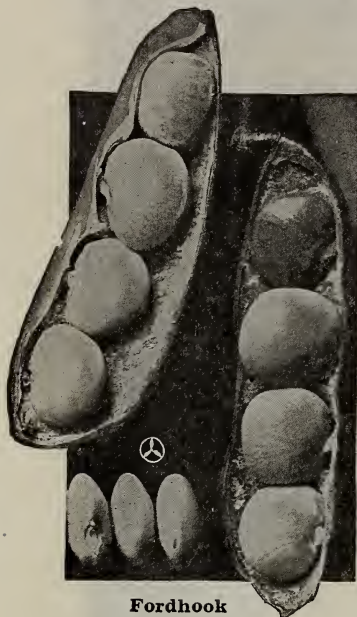


Kentucky  
Wonder



Davis Wax

## BEANS, BUSH LIMAS



Fordhook

Identical with the pole varieties in size of pods, but being dwarf in growth do not require support. Plant in three foot rows, four inches apart in the row.

**Burpee's Bush Lima. (65 days)** A popular variety of Bush Limas, growing only 18 to 20 inches high. Very productive, with pods and beans of the same shape and as large as those of the pole Limas, of excellent quality. Pkt. 15 cts., lb. 55 cts., 2 lbs. \$1.00. 10 lbs. or more by express at 35 cts. per lb.

**Burpee's Improved Bush Lima. (65 days)** This bean easily surpasses anything of the Bush Lima type. Very large pods, excellent flavored beans, borne on large vigorous plants. Extremely prolific, hanging in enormous clusters. Pods contain from four to six beans of greenish white color. Pkt. 15 cts., lb. 60 cts., 2 lbs. \$1.10. 10 lbs. or more by express at 40 cts. per lb.

**Fordhook Bush Lima. (60 days)** This is of an ideal bushy growth with stiffly erect stem and branches. It is an enormous bearer of plump well-filled pods which are borne in clusters of four to six already for use at the same time. The beans are large, thick, and of most excellent quality. Pkt. 15 cts., lb. 60 cts., 2 lbs. \$1.10. 10 lbs. or more by express at 40 cts. per lb.

## BEETS

Beets for best results should have a rich loam soil. Land that has been well fertilized for a previous crop is a good situation. In preparing your seed bed pulverize until as fine as possible to make it secured. Cultivate thoroughly and often. Sow as early as ground can be worked in drills from twelve to eighteen inches for hand culture, to two and one-half feet for horse cultivation, cover to a depth of one to two inches. Continue sowing every ten days for a succession. Thin to a stand of four to six inches apart in the rows. *One ounce to sixty feet of drill; five to six pounds per acre.*

**Bastian's Early Blood Turnip. (50 days)** Of quick, large growth; tender, and retains its bright color when cooked. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 55 cts., lb. \$1.75.

**Crosby's Egyptian. (40 days)** Improved strain of Early Egyptian. As early, thicker, smoother, better color and quality than its parent. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 60 cts., lb. \$2.00.

**Crimson Globe. (45 days)** This beet is of fine shape with a smooth and attractive dark red skin and small tap root. The interior is a rich deep crimson and fine grained in texture. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 60 cts., lb. \$2.00.

**Detroit Dark Red Turnip. (50 days)** One of the best sorts for both market and home garden. Roots globular; smooth skin, dark blood red; flesh bright, tender, sweet. (See back cover.) Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 65 cts., lb. \$2.25.

**Early Model. (45 days)** Extremely early, of perfect globe shape and fine quality. The beets are always smooth and of the deepest blood red color and quickly attain a good size. Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 65 cts., lb. \$2.25.

**Eclipse. (45 days)** Remarkable for its early growth and extra fine quality. Smooth and round; skin and flesh red, fine grained and sweet. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 55 cts., lb. \$1.75.

**Edmand's Early Turnip. (42 days)** The roots are round, very smooth, tender and sweet; skin deep blood red; flesh dark red. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 60 cts., lb. \$2.00.

**Half-Long Blood. (65 days)** This is the best for winter use. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 60 cts., lb. \$2.00.

**Swiss Chard Lucullus.** The plants grow to a height of two to two and one-half feet. The stalks are heavily ribbed, and from ten to twelve inches long below the leaf; are delicious when cooked, and served in the same manner as asparagus. The leaves are large, heavily crumpled or "savoyed," crisply tender and of fine flavor. The leafy portion of the foliage is cooked and served in the same manner as spinach. Pkt. 5 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 70 cts., lb. \$2.25.

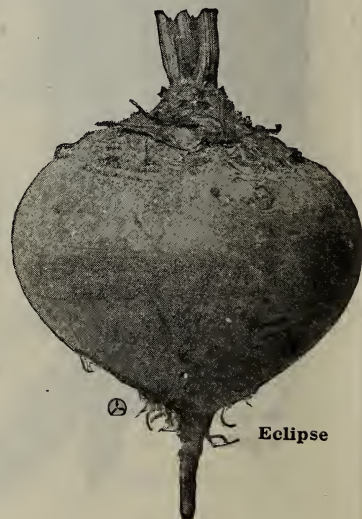
## SUGAR BEETS AND MANGEL WURZELS

The directions for beet planting answer for sugar beets and mangel wurzels, except that these should be drilled in rows  $2\frac{1}{2}$  feet apart and thinned to 8 to 12 inches in the row.

**Klein Wanzleben. (65 days)** Eighteen tons of sugar made from 100 tons of this beet. One of the largest of sugar varieties. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 40 cts., lb. \$1.25.

**Golden Tankard. (95 days)** A golden-fleshed mangel; roots half long and very large. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 40 cts., lb. \$1.25.

**Mammoth Long Red. (115 days)** Long smooth roots of large size. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 40 cts., lb. \$1.25.



Eclipse

## CABBAGE

**CULTURE.** The early varieties should be sown very early in the spring in hot bed or later in open ground. Plant out 18 inches by two feet apart. The late varieties are usually sown by the last of May and the plants set out in July, in rows three feet apart and two feet apart in the rows. *One ounce will produce 3,000 plants. One-quarter pound of seed in beds enough for an acre.*

**All Head Early. (90 days)** Of the flat head type. The earliest of all large cabbage. They are solid. Pkt. 10 cts., oz. 60 cts.,  $\frac{1}{4}$  lb. \$2.00, lb. \$7.00.

**American Drumhead Savoy. (110 days)** The Savoyes excel all other cabbages in flavor, and this is the best of all. Pkt. 10 cts., oz. 50 cts.,  $\frac{1}{4}$  lb. \$1.75, lb. \$6.00.

**Charleston or Large Wakefield. (85 days)** A popular variety with market gardeners in the south. It is about a week later than Early Jersey Wakefield, but larger. Pkt. 10 cts., oz. 65 cts.,  $\frac{1}{4}$  lb. \$2.25, lb. \$8.00.

**Copenhagen Market. (75 days)** Copenhagen Market is without question the finest early cabbage ever introduced. Fully as early as Early Jersey Wakefield. Produces magnificent heads similar to Danish Ball Head, weighing from eight to ten pounds. We unhesitatingly recommend this variety to commercial grower and home gardener alike, as worthy of extensive planting. Pkt. 15 cts., oz. \$1.25,  $\frac{1}{4}$  lb. \$4.00, lb. \$15.00.

**Danish Ball Head. (120 days)** (Dutch Winter or Hollander.) The heads are of medium size, solid and deep, averaging in weight nearly eight pounds. Their quality is superior and they are just as solid in spring as when put away in the fall. Pkt. 15 cts., oz. \$1.25,  $\frac{1}{4}$  lb. \$4.25, lb. \$15.00.

**Early Jersey Wakefield. (75 days)** This is the hardiest and hardest heading of the extra early sorts, and most Northern gardeners depend upon it for their first crop. Pkt. 10 cts., oz. \$1.00,  $\frac{1}{4}$  lb. \$2.50, lb. \$8.00.

**Eukhuizen Glory. (80 days)** An excellent early variety that has become very popular with the market gardeners. Heads are medium sized, dark green color, solid and heavy. Pkt. 15 cts., oz. \$1.00,  $\frac{1}{4}$  lb. \$3.50, lb. \$12.00.

**Odense Market. (110 days)** This is the newest and most superior variety of red cabbage. Dark red in color, heads medium sized, hard and heavy. Desirable for pickling and salads as well as general use. Pkt. 10 cts., oz. \$1.00,  $\frac{1}{4}$  lb. \$3.00.

**Premium Flat Dutch. (110 days)** A good cabbage for late use. It possesses all the good qualities of the late Flat Dutch, and is a sure header. Pkt. 10 cts., oz. 70 cts.,  $\frac{1}{4}$  lb. \$2.00, lb. \$7.00.

**Sure-Head. (100 days)** Makes a solid, large head, with few outer leaves. A strong, vigorous grower, ripening late. Pkt. 10 cts., oz. 65 cts.,  $\frac{1}{4}$  lb. \$2.00, lb. \$7.50.

**Winningstadt (85 days)** Remarkably hard and solid, and keeps well both in summer and winter. May be sown early for late summer or later for winter use. Pkt. 10 cts., oz. 75 cts.,  $\frac{1}{4}$  lb. \$2.25, lb. \$8.00.

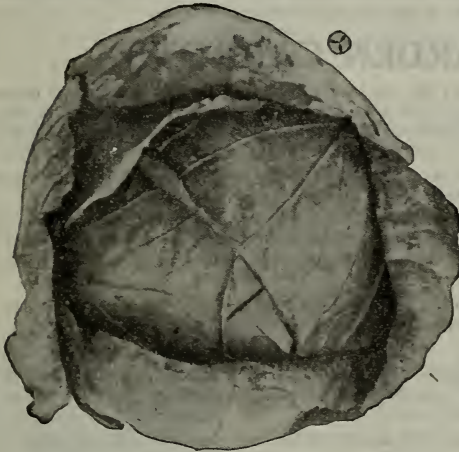
## CHINESE CABBAGE

**CULTURE.** For early use sow the seed in hot-bed in February or March. When four inches high transplant, if the weather is suitable, to open ground, setting one foot apart in two and one-half foot rows. For late or main crops, seed should be sown in August or early September and transplanted as soon as large enough. When well grown loosely tie up the plants to blanch. In storing for winter treat the same as late cabbage but keep from freezing. Like lettuce Pe Tsai does not thrive in hot weather, but is inclined to run to seed.

**Pe Tsai.** While not a cabbage, it is closely related to it, both belonging to the Brassica family. When well grown Chinese cabbage makes a head fifteen inches long and four to five inches in diameter, which blanches to a beautiful white. May be eaten as a salad or is delicious when cooked in the various ways ordinary cabbage is served. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 25 cts., oz. 45 cts.,  $\frac{1}{4}$  lb. \$1.25, lb. \$4.00.



Early Jersey Wakefield



All Head Early



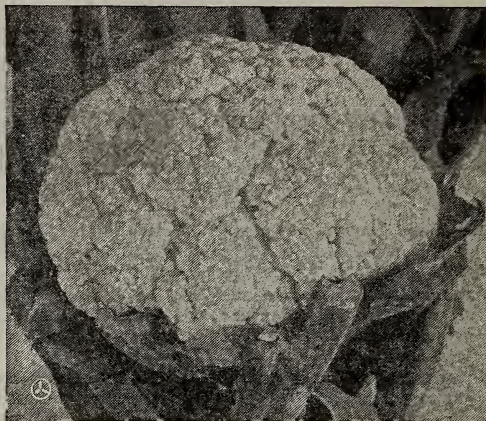
Pe Tsai  
(Chinese Cabbage)

## CAULIFLOWER

A good money crop. Always a ready seller in any market, and the demand usually exceeds the supply.

**CULTURE.** Make the soil as fine as possible for every transplanting, and do not allow the young plants to become checked at any time for want of water. For spring and early summer use, sow in January or February in hot bed, and transplant to cold frame when sufficiently large, and to the garden as soon as the ground is warm enough. For late autumn crops, sow in the early part of June, and transplant in July. In dry weather water freely, and as they advance in growth hoe deep and draw earth to the stem. When heading tie the outside leaves loosely over the heads to protect from the sun.

**Early Favorite. (110 days)** This is very early, exceedingly hardy; will head under conditions in which many sorts would fail. They form large heads which, although inclined to be open, are crisp, tender and of fine quality. Pkt. 15 cts.,  $\frac{1}{4}$  oz. 75 cts., oz. \$2.00.



**Early Snowball**

**Early Snowball. (90 days)** Very early, and one of the surest to head. If seed is sown March 1st, large-sized heads will be produced early in June. Its dwarf habit of growth renders it one of the best for forcing under glass. Valuable for late planting also. Pkt. 25 cts.,  $\frac{1}{4}$  oz. 85 cts., oz. \$3.00.

## GARDEN CARROTS

**CULTURE.** Cover the seed about one-half inch in depth, and press the soil firmly over the seed with the feet or a roller. For early use sow as early in the spring as the ground can be worked, and for late crop from May 1st to June 1st. Sow in drills 15 inches apart and thin to three or four inches apart in row. Two and one-half pounds of seed will sow an acre, one ounce to 200 feet of drill.

**Chantenay. (60 days)** Uniform and intermediate in size and shape. The flesh is of a deep golden orange color. For table use one of the best. Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts., lb. \$2.50.

**Danvers. (75 days)** A handsome shaped smooth carrot of good size. One of the best for stock feeding. Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 65 cts., lb. \$2.25.

**Guerande or Ox-Heart. (75 days)** A variety good either for family use or market, and profitable for feeding. Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 65 cts., lb. \$2.25.

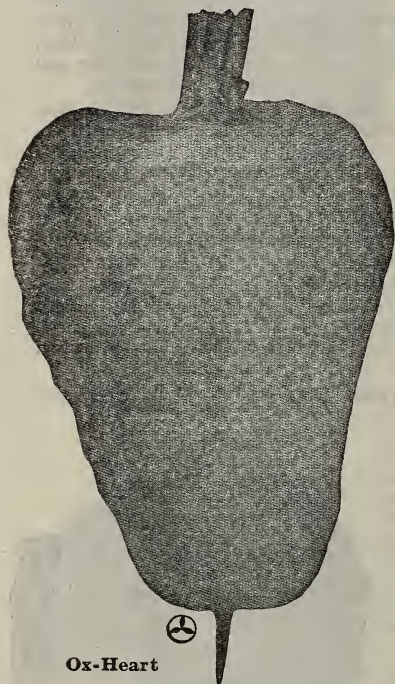
**Early Scarlet Horn. (50 days)** Excellent for early planting out of doors. Roots top-shaped but tapering abruptly to a small tap; skin orange red. Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts.

**Improved Long Orange. (75 days)** A long variety. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 60 cts., lb. \$2.00.

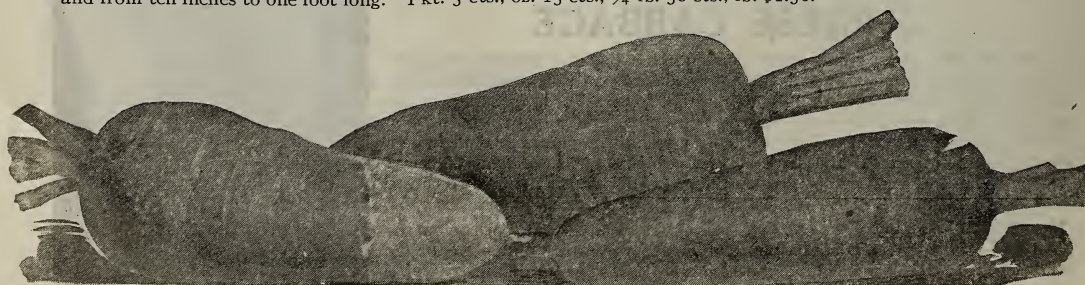
## STOCK or FEEDING CARROTS

Carrots are splendid horse and cattle feed. If you plant for no other purpose, try some for your horses this year. We offer one variety only of Stock Carrot, which we have proven by test to be best of its type.

**Large White Belgian. (90 days)** This is the giant among carrots and produces an immense quantity of large nutritious roots three to four inches in diameter at the shoulder and from ten inches to one foot long. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.50.



**Ox-Heart**



**Chantenay**

## CELERY

One ounce for 3,000 plants.  $\frac{1}{2}$  pound of seed for one acre.

**CULTURE.** Sow seed in the open ground, as soon as the soil can be worked in to a perfect seed bed, cover lightly and roll or firm the covering soil as the seed is slow to germinate and you must retain the moisture. Sowing in rows from ten to twelve inches apart is preferable to broadcasting; by this means cultivation may be kept up, allowing no check in the growth. Cut tops occasionally to make stocky growth.

Transplant in July to a previously prepared bed made considerably richer than seed bed, plant in single or double rows; if single rows, four feet apart and six to eight inches in the row; if double rows, rows may be made ten inches apart, skip six feet and plant another double row and so on. This method allows of double returns with the same labor in hilling if soil is rich enough to support.

**Columbia. (110 days)** An early maturing sort, unsurpassed in shape and quality. The plant is of medium height, but very stocky and heavy. The stalks are thick, almost round; the color has in it more of the rich yellow tint of Golden Yellow Self-Blanching, which variety it resembles very much in appearance. The foliage is of a distinctly light shade of green with a tinge of yellow. Its quality is exceptionally fine. Pkt. 10 cts., oz. 45 cts.,  $\frac{1}{4}$  lb. \$1.25, lb. \$4.50.

**Celeriac Giant Prague. (125 days)** The root of this celery is turnip-shaped, sweet and tender, and may be cooked like turnips or eaten like radishes; used largely for seasoning meats and soups. Pkt. 5 cts., oz. 40 cts.,  $\frac{1}{4}$  lb. 85 cts., lb. \$2.50.

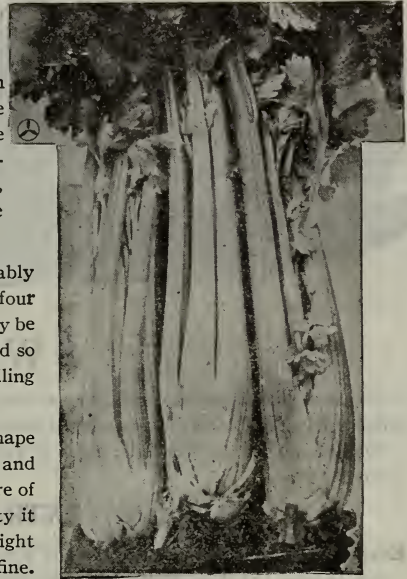
**Golden Self-Blanching. (110 days)** This is by far the most desirable of all celery for earliness, excellence of quality and ease of growth. Rarely if ever pithy and of a rich golden yellow color. Our seed is genuine French grown and of finest quality. Among market gardeners this is the variety that is in greatest demand. As the name implies it is also entirely self-blanching. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 70 cts., oz. \$1.25,  $\frac{1}{4}$  lb. \$4.00.

**Giant Pascal (135 days)** A variety for second early and midwinter use. The stalks are large, thick, solid, crisp and of a rich nutty flavor, free from bitterness. Pkt. 5 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.00.

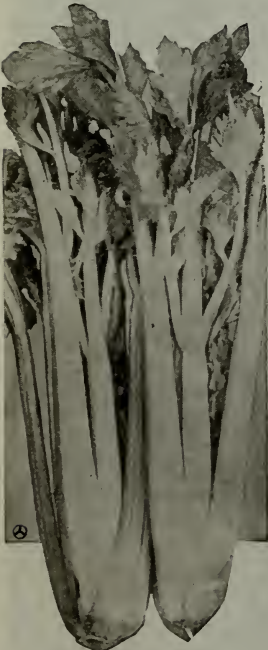
**White Plume. (120 days)** For fall and early winter use this is the most popular celery. Its eating qualities are excellent, while its white feather-like foliage places it ahead of all others as a table ornament. Pkt. 5 cts., oz. 40 cts.,  $\frac{1}{4}$  lb. \$1.25.

**Winter Queen. (140 days)** This is one of the finest varieties for winter use. Makes a stocky, vigorous growth, which blanches easily. The hearts are large and solid but very crisp and tender. Blanches to a beautiful creamy white. Pkt. 5 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. 75 cts.

**For Flavoring.** Germination is too poor for use as seed, but is excellent to use for flavoring soups, pickles, etc. Oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 65 cts.



Golden Self-Blanching



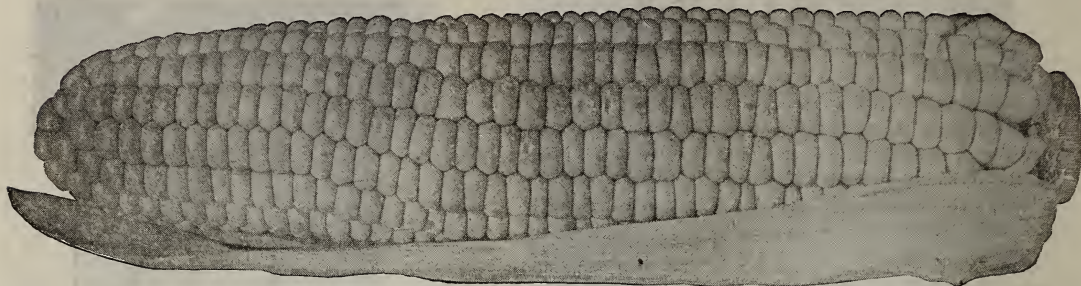
Columbia

## CHICORY

**Witloof. (French Endive.)** Seed sown in the spring produces long, thick roots by November. To force for use the roots are dug in the fall, trimming off the leaves an inch above the crown. Trench in a warm, dark place, covering with six or eight inches of soil and a top layer of fresh manure. The blanched head of leaves thus obtained resemble Cos lettuce and makes a delicious salad. Pkt. 10 cts., oz. 40 cts.,  $\frac{1}{4}$  lb. \$1.00.

## COLLARDS

**Georgia.** Forms a loose head of cabbage like leaves which are largely used for greens. May be used as soon as large enough, but are improved with frosts. Sow seed in open ground, and when well started thin to 15 inches apart in the row. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 60 cts.



Howling Mob

## SWEET CORN

Please note that prices quoted for pounds and two pounds are postage paid by us. If ordered by express or freight deduct at the rate of 10 cents per pound.

One pound plants 150 hills; eight to twelve pounds per acre; in drills or broadcasted for fodder 65 to 90 pounds per acre.

### EXTRA EARLY VARIETIES

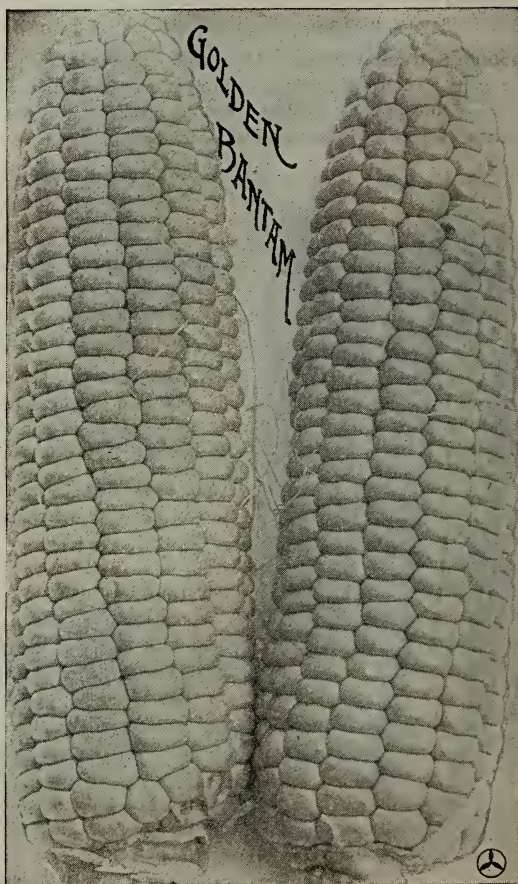
**Extra Early Adams. (52 days)** Not a sweet corn, but is so hardy that a planting may be made before it is safe to plant the sweet varieties. Roasting ears may be had extremely early and are of good quality. Pkt. 10 cts., lb. 50 cts., 2 lbs. 90 cts. 10 lbs. or over at 25 cts. per lb.

**Golden Bantam. (60 days)** Of all the varieties of Sugar Corn this is by far the sweetest and most delicious. Matures with the earliest and by planting each fortnight may be had to perfection from early summer until frost. The kernels are a rich golden yellow, very tender and with a flavor that is exceptionally rich and pleasing. The ears are eight rowed, six to seven inches long and of the medium size. It is the most popular sort on the market today. Pkt. 15 cts., lb. 50 cts., 2 lbs. 90 cts. 10 lbs. or more by express at 30 cts. per lb.

**Howling Mob. (65 days)** This is one of the newer varieties that has become very popular by reason of its many good points. It is the largest eared of all the early sorts and usually produces two ears to the stalk. The ears are from 7 to 9 inches long, well protected with husk, kernels large and pure white. A fine variety for market. Pkt. 15 cts., lb. 50 cts., 2 lbs. 90 cts. 10 lbs. or more by express at 30 cts. per lb.

**Kendel's Early Giant. (65 days)** Early, yet the ears grow to a remarkable size, measuring 8 to 10 inches in length, with usually 12 rows to the ear. Kernels are pure white and of splendid eating qualities. This variety is a prime favorite with the market gardener and is an excellent sort for the home garden. Pkt. 10 cts., lb. 50 cts., 2 lbs. 90 cts. 10 lbs. or more at 30 cts. per lb.

**Mammoth White Cory. (65 days)** Large ears with twelve rows of perfectly formed kernels. The grains are large, pure white and of excellent quality. For an early pure white sugar corn this old favorite is unsurpassed by any. Pkt. 10 cts., lb. 50 cts., 2 lbs. 90 cts. 10 lbs. or more by express at 30 cts. per lb.



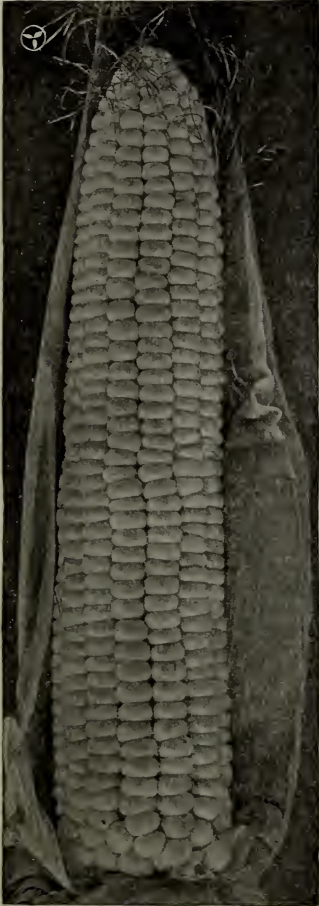
**White Evergreen**

table use. They then become dark, though still retaining their sweetness. Pkt. 10 cts., lb. 50 cts., 2 lbs. 90 cts. 10 lbs. or more at 30 cts. per lb.

## POP CORN

Popping corn provides the children with amusement for many winter hours and furnishes them with a healthful nutritious food.

**Queen's Golden.** The largest pop corn. The stalk grows five to six feet high and bears two or three large ears each. The kernels are a rich yellow color but pop out pure white and over an inch in diameter. This is one of the best and most productive of pop corns. Pkt. 10 cts., lb. 40 cts., 2 lbs. 75 cts. 10 lbs. or more at 20 cts. per lb.

**White Rice.** A very handsome and popular variety; ears short, kernels long and pointed, resembling rice; color white. A splendid popping variety and finds a ready sale upon any market. Pkt. 10 cts., lb. 40 cts., 2 lbs. 75 cts. 10 lbs. or more at 20 cts. per lb.

## PEANUTS

**CULTURE.** Peanuts require light rich soil well limed. Plant in the spring as soon as the ground has become warm, in rows 30 to 36 inches apart, placing the seed 6 to 10 inches apart in the row. It is not necessary to remove the hull when planting. Keep well hoed. When matured pull and hang up to dry.

**Valencia.** A very desirable and productive Spanish bush type. Mild and sweet flavored, bearing three or four peas in each hull. Pkt. 10 cts., lb. 50 cts., 2 lbs. 90 cts.

## SWEET CORN (Continued) MEDIUM EARLY VARIETIES

**Bantam Evergreen. (70 days)** (See back cover illustration.) Last year we first offered Bantam Evergreen to our customers, and as we have had nothing but words of praise from all who tried it, we again reproduce it on our cover. Bantam Evergreen is the result of a cross between the famous Golden Bantam and Stowell's Evergreen and has retained all the good qualities of both parents. It is as sweet as Golden Bantam, the same beautiful color, and produces an ear nearly as large as Stowell's. The kernels are plump, a beautiful cream color at the eating stage, and have a flavor that is found in no other. The size of ear and fine quality make it a rapid seller on any market. Your planting of corn is not complete without some of this variety. Pkt. 15 cts., lb. 50 cts., 2 lbs. 90 cts. By express 10 lbs. at 35 cts. per lb.

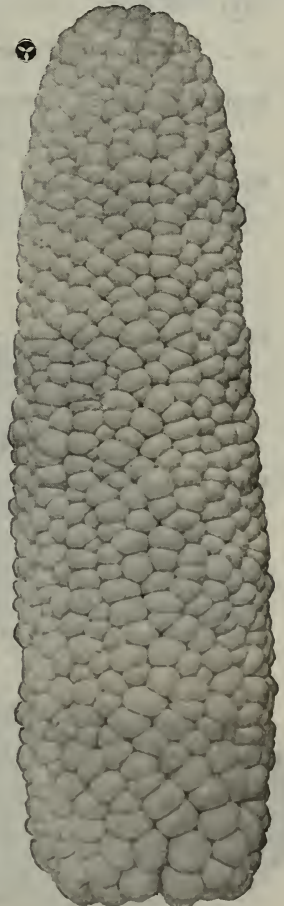
**Country Gentleman. (70 days)** This is sometimes known as shoe-peg from the small peg-like kernels, irregularly placed on the cob. Medium sized ear, with small cob, giving great depth to the kernels. The quality of this variety is fine and is preferred by some to all others. Excellent for home use and is popular in many markets where its fine quality is known. Pkt. 15 cts., lb. 50 cts. 2 lbs. 90 cts. 10 lbs. or more at 35 cts. per lb.

## LATE VARIETIES

**White Evergreen. (75 days)** This produces large handsome ears, well filled with deep pure white grains of delicious sweetness. Matures slightly earlier than Stowell's Evergreen, which it greatly resembles, and is very hardy. An excellent corn for home use and is a ready seller on the market. Pkt. 10 cts., lb. 50 cts., 2 lbs. 90 cts. 10 lbs. or more at 25 cts. per lb.

**Stowell's Evergreen. (80 days)** The old popular variety. Hardy and productive; tender and sugary, remaining a long time in a condition suitable for eating. A good sort to plant for fodder, as it makes a rank growth of heavy forage. Pkt. 10 cts. lb. 50 cts., 2 lbs. 90 cts. 10 lbs. or more by express at 25 cts. per lb.

**Black Mexican. (75 days)** One of the most sugary. The grains when first perfected are pure white, and at their best for

**Country Gentleman**

## FIELD CORN

Prices for one pound and two pounds are postage paid; if ordered by express deduct 10 cts. per pound.

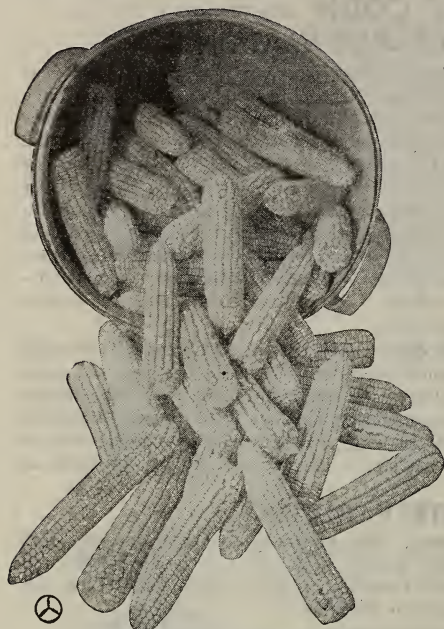
Ten to twelve pounds of seed are required to plant one acre in hills. For silage thirty to thirty-five pounds are required.

All varieties. Lb. 25 cts., 2 lbs. 40 cts. By express or freight 10 lbs. or over at 7½ cts. per pound.

We have some exceptionally fine crops of corn this year, and can supply northern Ohio grown seed in the varieties listed. Northern grown corn has long been acknowledged to be superior to any other for seed purposes. Our stocks are all raised here in Ohio, near the lake shore, and are hardy and of high vitality. Careful selection of stock seed, intelligent breeding and thorough cultivation have produced healthy and productive strains. To facilitate handling and shipping we supply all corn shelled and graded ready for the planter.

**Improved Leaming. (100 days)** One of the most desirable varieties of standard yellow corn. Being a medium early sort it will mature farther north than many varieties and is adapted to all but the most northern parts of the corn belt. The ears are large, of good shape, and well filled with deep grains. This variety is excellent for fodder or silage as the tall stalks are well filled with foliage.

**Pride of the North. (80-85 days)** This is the earliest of all the yellow dents and the most dependable for maturing a crop. An ideal corn for the northern section. The ears are of fair size with extra small cob, will produce as much shelled corn to the acre as most of the large eared varieties.



White Cap Yellow Dent

**Reid's Yellow Dent. (100 days)** This is without doubt the most popular variety of corn grown in this country. The large ears, eight to eleven inches long, have eighteen to twenty rows of closely set kernels upon a very small cob. The color is a rich deep yellow, with the cap of kernel slightly lighter, kernels dented.

**White Cap Yellow Dent. (85-95 days)** We have an excellent strain of this popular variety which is one of the most satisfactory sorts to raise. Succeeds on almost any kind of ground and is a heavy yielder. Ears are good sized and deep grained. The kernels are a beautiful lemon yellow with a well dented white cap.

## ENSILAGE CORN

**Cuban Giant Ensilage. (120 days)** Where a heavy growth for ensilage purposes is desired, we believe we offer in Cuban Giant the ideal variety. Makes an enormous growth, stalks tall and plenty of forage. The grains are pure white, broad and long, of good vitality. A good milk producer, sweet and tender.

## CRESS or PEPPER GRASS

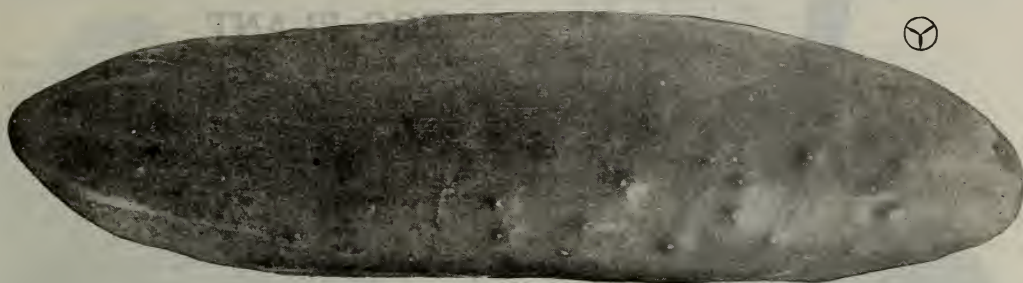
**Extra Curled.** Extensively used as a small salad with lettuce. The leaves while young have a warm pungent taste. Sow rather thick in shallow drills, and at short intervals during the season. Pkt. 5 cts., oz. 15 cts., ¼ lb. 40 cts.

## CRESS—WATER

**Erfurt.** Hardy perennial aquatic plant, growing along streams and ponds. Sow seed at edge of water, covering lightly, may also be sown in tubs. Pkt. 10 cts., oz. 50 cts.



Pride of the North



### Early Fortune CUCUMBER

Cucumbers succeed best in rich, loamy soil. As soon as the weather becomes warm and settled, plant in hills four to six feet apart each way, with 10 to 12 seeds in a hill; cover one-half inch deep. Air slaked lime or "Slug Shot" sprinkled on the plants every few days as soon as they are up will protect them from the striped beetle. When all danger from insects is past, thin out plants, leaving three or four of the strongest to each hill. The fruit should be picked when large enough, otherwise it destroys their productiveness. *One ounce to 50 hills. 2 to 3 lbs. per acre.*

**Arlington White Spine. (55 days)** This strain of White Spine has been much improved by careful selection and is much superior to the old sort. It is a rich green in color and is very productive. Arlington is one of the best varieties for forcing, also equally good for outdoor planting. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 45 cts., lb. \$1.50.

**Cool and Crisp. (65 days)** Fruits are straight, long, even and slim, and of a healthy dark green color. Very productive, and by reason of its uniform shape, makes one of the best pickling sorts, also excellent for slicing. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 45 cts., lb. \$1.50.

**Davis Perfect. (50 days)** A first-class variety for forcing under glass; also for outdoor culture. The color is a dark glossy green, long, slim in shape. It is tender and of exceptionally good flavor. For shipping is unsurpassed. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 45 cts., lb. \$1.50.

**Everbearing. (65 days)** Everbearing is one of the best pickling varieties we offer. The young fruit is symmetrical, deep in color and crisp. It is of medium size and makes a fine pickle. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 40 cts., lb. \$1.25.

**Early Cluster. (50 days)** Vines vigorous, producing the crop near the roots and in clusters. Fruits short, early and of good shape for pickling. Very prolific. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 40 cts., lb. \$1.25.

**Early Fortune. (52 days)** For a good all around cucumber this distinctive variety is the finest yet introduced. The rich dark green fruits when matured at the slicing stage average  $7\frac{1}{2}$  to 8 inches in length and retain their color for a remarkably long time. The flesh is firm, with a small seed cavity, making it a good shipping and market sort. As a pickling sort it is equally as good, producing an enormous quantity of uniform well-shaped pickles. The vine growth is very vigorous and the leaves, which are larger than those of other sorts, are very resistant to disease. Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.75.

**Improved Chicago Pickling. (68 days)** Very popular with the market gardeners. Fruit is of medium length, pointed at each end with large and prominent spines, color deep green. It is an extremely prolific variety and is one of the best for those who want crisp, coarsely spined pickles. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 40 cts., lb. \$1.25.

**Improved Long Green. (65 days)** This is a popular variety that is extensively grown both for slicing and pickling. Of excellent quality, dark green, firm and crisp. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 45 cts., lb. \$1.50.

**Klondike. (60 days)** This is an extra choice strain of the White Spine type, with very dark green skin. They are large, uniform in size and attractive in appearance. Popular in the south for early northern shipments. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 45 cts., lb. \$1.50.

**West India Gherkin.** Grown exclusively for pickles. Oval in shape, grows from two to three inches long and is thickly studded with heavy spines. If picked when young and tender they make an excellent pickle. Seed is slow to germinate and the vines do not make as heavy growth as cucumbers. Pkt. 5 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts.



Davis Perfect

## DANDELION

**CULTURE. (55 days)** Sow early in the spring in warm, rich soil, in drills 18 inches apart; thin the young plants to five inches in the rows and cultivate well; they will be fit for cutting the next spring. When grown for the roots, sow in September and cultivate well during the fall and the following summer; they will be fit to dig in October. Our seed is from carefully selected thick-leaved stocks, much superior to our ordinary wild dandelion. Pkt. 10 cts., oz. 50 cts.

## EGG PLANT

**CULTURE.** Sow in hot bed early in spring; transplant two and one-half feet apart each way after weather becomes settled and warm. If no hot bed is at hand plants may be started in pots or boxes. The potato beetle is very fond of the plants. Paris green applied same as to potatoes will keep them in check. *One ounce to 1000 plants.*

**Black Beauty. (140 days)** The fruits are broad and thick, of attractive form, and of the finest flavor. The skin is a rich purplish black. It is entirely free from spines or thorns. They are ready to market early. Pkt. 10 cts., oz. 70 cts.,  $\frac{1}{4}$  lb. \$2.00.

**Improved Large Purple. (125 days)** Fruit remarkably large, often measuring 12 inches in depth and 9 inches in diameter, weighing five to six pounds; skin deep purple with occasional stripes of green about the stem. Pkt. 10 cts., oz. 70 cts.,  $\frac{1}{4}$  lb. \$2.00.

## ENDIVE

A fall and winter salad. For early use sow in April; for late or main crop, in June or July, in drills 14 inches apart; when two or three inches high, thin to one foot

apart in the drills. When fully grown they should be blanched, this can be done by gathering up the leaves and tying them together at the tips or lay boards over them, keeping them flat.

**Large Green Curled. (40 days)** A hardy variety, broad leaves, blanches white. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 50 cts.

**White Curled. (35 days)** Leaves pale green, mid-rib yellow. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 50 cts.

**Broad Leaved Batavian. (Escarolle.) (45 days)** This is a broad thick-leaved variety, highly appreciated by all as a splendid salad. Good for cooking like Kale or Mustard. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 65 cts.

## KALE or BORECOLE

**CULTURE.** Kale is one of the hardiest of "Greens" belonging to the Cabbage family. Sow either in rows or broadcast, for summer and fall use the seed should be sown in the early spring, or may be sown in August or September for Spring use. *One to two pounds to an acre.*

**Dwarf Green Curled. (55 days)** This is the most popular variety of Kale, dwarf and very hardy, Splendidly curled leaves, excellent flavored. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 65 cts.

## KOHL RABI

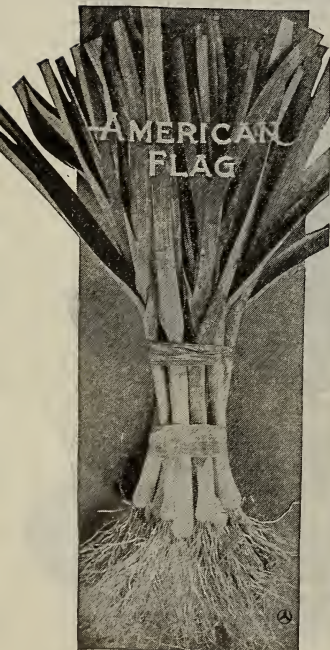
**CULTURE.** The seed should be sown in the Spring three-fourths of an inch deep in drills two feet apart. When the plants are a few inches high thin to fifteen inches apart. *Two pounds of seed for one acre.*

**Early White Vienna. (50 days)** Dwarf, small, early; bulb handsome, firm, glossy white; the best variety for the table, but should be used when young. All varieties are tough and stringy when overgrown. Pkt. 5 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts.

**Purple Vienna. (70 days)** A fine purple type, later than above, but much liked for late use. Pkt. 5 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 80 cts.

## LEEK

**American Flag. (70 days)** Sow early in the spring in drills one inch deep and one foot apart. When six or eight inches high transplant in rows 13 inches apart and five inches between the plants, as deep as possible, that the neck may be blanched. *One ounce to 150 feet drilled.* Pkt. 5 cts., oz. 20 cts.



Kohl Rabi

## LETTUCE

The culture of lettuce either under glass or outdoors is always profitable, the demand is steady throughout the year. Some markets require a loose or curled leaf variety, while others demand head varieties. We list both types, also Cos or Celery lettuce. Our seeds are very carefully selected, germination and trueness to type is carefully tested. No better strains exist than those we offer.

**CULTURE.** Lettuce seed should be covered very shallow to secure germination, especially the black seeded if sown under glass or in the house. For early spring use sow in September and protect through the winter in cold frames the same as cabbages, or sow in hot beds in March and transplant to open ground as soon as it can be worked. For late supplies sow in the open ground as soon as the season will permit, in rows one foot apart; thin out plants one foot apart in rows. If sown every two or three weeks to the middle of August, it may be had in perfection the entire season. *One ounce will sow 125 feet of drill and produce 3000 plants.* The varieties marked thus \* are black seeded.



**BIG BOSTON**

**Big Boston. (45 days)** The most popular variety for every purpose on the market. Gives equally good results under glass or in the open. Of the head types it is easily the leader. Leaves are light green and very tender. Our strain of this variety is unsurpassed. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 60 cts., lb. \$2.00.

**\*Black Seeded Simpson. (40 days)** The leaves are thin, tender, and of a light green color; very early. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.75.



**Grand Rapids**

**Denver Market. (45 days)** An early lettuce for forcing or open ground. The leaves are beautifully curled and crimped. Crisp tender, and of excellent flavor. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.75.

**Early Prize Head. (50 days)** Color bright green tinged with brownish red. It is of superb flavor, tender and hardy. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.75.

**\*Grand Rapids. (38 days)** As a forcing variety for winter and early spring use this stands at the head of the list. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 60 cts., lb. \$2.00.

**Improved Hanson. (45 days)** Heads large, fine form, deliciously sweet, tender and crisp, color green outside and white within. Intermediate between the loose-leaved and heading varieties. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 60 cts., lb. \$2.00.

**May King. (42 days)** A large light green heading lettuce which



**Cos Lettuce**

is giving excellent satisfaction. Grown outdoors it is extremely early, maturing handsome heads of good size and unsurpassed in quality and solid enough to make it a good shipper to distant markets. For forcing under glass it is most desirable. A first-class all purpose variety. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 60 cts., lb. \$2.00.

**New York. (55 days)** A variety of summer lettuce that is very slow to run to seed. It forms large heads. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 60 cts., lb. \$2.00.

**White Self-Closing Cos. (55 days)** Of all celery or Cos lettuce this is the leader. Beautiful light colored outer leaves, centers blanching to a pure white, very tender and of delicious flavor. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.75.



**May King**

## MUSK MELON

**CULTURE.** Melons should be grown in rich soil. Sow ten to fifteen seeds to each hill which should be six feet apart each way. When well started thin out to three or four plants, leaving the strongest. *One ounce will sow or plant fifty hills; two or three pounds to the acre.*

**Banana. (85 days)** Makes a long banana-like growth, very fragrant and of delicious flavor. Excellent for the home garden. Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 75 cts., lb. \$2.00.

**Burrell's Gem. (75 days)** Well ribbed and covered with a fine grayish netting. The skin is a rich dark green, contrasting finely with the deep orange-salmon colored flesh, sweet and tender. The flesh is thick and firm, ripening close to the skin. Holds up well when shipped and is a good sort for any market demanding the Gem type. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 45 cts., lb. \$1.50.

**Early Hackensack. (60 days)** This is an extra early, large, and productive variety. The fruits are deeply netted, flesh light green; of most excellent quality. On account of its earliness this melon is recommended for sections with a short season. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 45 cts., lb. \$1.50.

**Emerald Gem. (80 days)** A very popular variety with both home and market gardeners. The stem is a dark emerald green with lighter stripes. Flesh very thick, of a dark salmon color. This variety is considered by many to be very best of all muskmelons. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 45 cts., lb. \$1.50.

**Fordhook. (70 days)** The flesh is very firm, salmon in color, and very highly flavored. Seed cavity exceptionally small, produces few seeds. Fordhook bears early and continuously throughout the season, until the vines are cut down by frost. Thick fleshed and heavily ribbed, making it a good sort for shipping or home use. The fruits are medium in size, weighing about two pounds each. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 45 cts., lb. \$1.50.

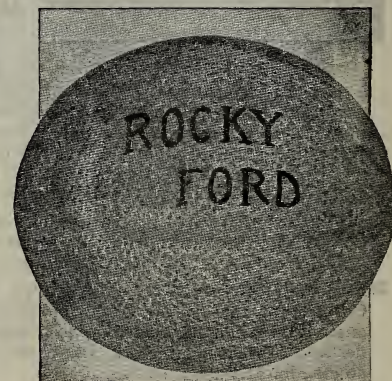
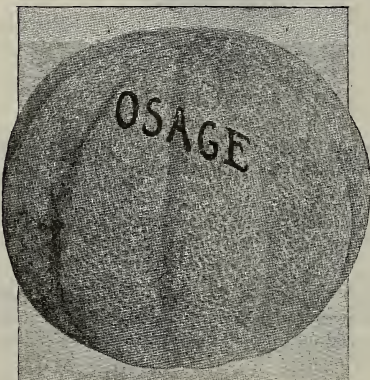
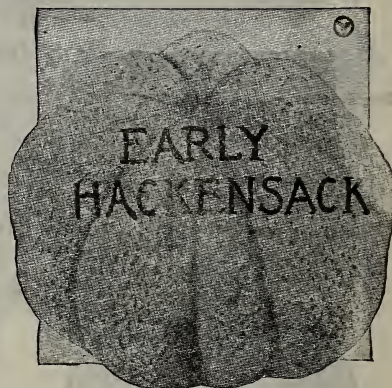
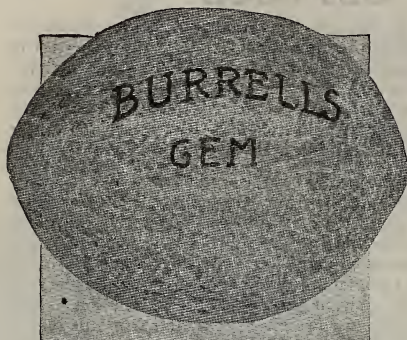
**Hoodoo. (70 days)** This is one of the newer varieties. Flesh orange color, and of the finest flavor; fruits finely netted with very thin hard rind and very firm flesh. Vines are exceedingly productive. A splendid shipping variety. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 45 cts., lb. \$1.50.

**Honey Dew. (Casaba.) (120 days)** This is the melon that has been in so much demand, has brought fancy prices in the markets, and is a valuable addition to the melon family. They are nearly round in shape, with a hard, firm rind that enables them to be safely shipped any distance. When ripe the skin is nearly pure white in color, very smooth and entirely free from netting. The flavor is unlike that of any other melon and is sweet as honey. Our seed is the original strain grown in the famous melon district at Rocky Ford, and from fields devoted exclusively to the production of seed. To be grown to perfection, Honey Dew requires rich warm soil and a fairly long growing season. Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts., lb. \$2.50.

**Osage. (75 days)** Of uniform quality, sweet and delicious. The skin is thin, dark green and slightly netted. The flesh is deep salmon and of a spicy flavor. A remarkably good keeper and largely planted for commercial and home use. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 45 cts., lb. \$1.50.

**Rocky Ford. (70 days)** Flesh greenish white in color, very juicy and rich and good clear to the rind. It is medium in size, of round, oval form and a most excellent keeper. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 40 cts., lb. \$1.25.

**Tip Top. (80 days)** This very productive melon is of medium to large size, nearly round, slightly ribbed and fairly well covered with shallow netting. The flesh is deep yellow in color and of excellent quality. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 45 cts., lb. \$1.50.



## WATER MELON

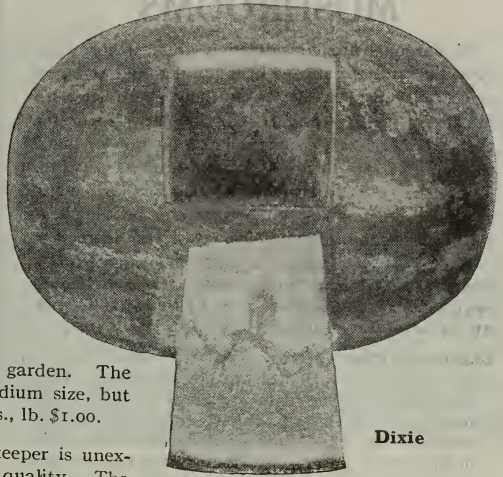
**CULTURE.** Plant in hills eight feet apart each way, using a shovelful of well rotted manure in each hill, thin to six plants to hill; after all danger of bugs is past, further thin to four plants. Bugs may be checked and some cases entirely prevented by applications of "Slug Shot," or air slaked lime dusted over and around the young plants. *One ounce plants 30 to 40 hills or four pounds for one acre.*

\*White seeded varieties.

**Citron. (100 days)** Red seeded. For preserving. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 30 cts.

**Cole's Early. (65 days)** A choice melon for the home garden. The flesh is bright red, crisp, sweet and of fine flavor, of medium size, but solid, with thin rind. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.00.

**Dixie. (85 days)** An early variety; as a shipper and keeper is unexcelled. The flesh is of bright scarlet, of the finest quality. The melons are dark green, beautifully striped, oblong in shape. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.00.



Dixie



Harris' Earliest

The fruits are green striped with gray and attain a weight of twenty to thirty pounds. Firm hard rind, shipping well. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.00.

**Ice Cream. (85 days)** Medium size, nearly round, color pale green, thin rind, flesh solid, scarlet, of delicious flavor. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.00

**\*Kleckley's Sweet. (70 days)** The skin is a rich, dark green, the flesh bright scarlet, ripening close to the rind. They have a large solid heart. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.00.

**Sweet Heart. (90 days)** Fruit large, oval, mottled light and dark green. Flesh bright red, solid, tender and sweet. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.00.

**The Watson. (90 days)** This is absolutely the very best melon introduced to date. Perfect in shape, rind is dark glossy green, very tough and thin; the flesh is dark red, very crisp, no strings and most delicious in taste. A splendid shipper, always commanding top prices wherever known. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 35 cts., lb. \$1.25.

**Fordhook Early. (60 days)** An extra early melon of fine flavor and large size. Color a uniform medium green. Flesh bright red and sweet. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.00.

**\*Halbert Honey. (75 days)** The vines are of strong vigorous growth and set fruits very freely, four or five large melons are frequently clustered closely together. They are 18 to 20 inches long and are full and round at both ends. The skin is a dark glossy green and the flesh a beautiful crimson. It is an excellent nearby market melon as well as for home use. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 35 cts., lb. \$1.25.

**Harris' Earliest. (60 days)** In this melon we offer the best variety for northern latitudes. It is the largest and sweetest of all the early melons. Oval to oblong in shape, flesh bright red and tender, very sweet and delicious.



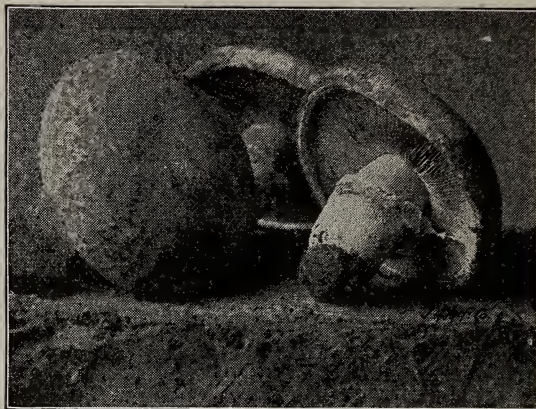
Sweet Heart

## MUSHROOMS

Mushrooms are considered a great delicacy by everyone and are always in much demand at fancy prices. Many are devoting their spare time to mushroom culture and are getting big returns for their labor. Nearly everyone has some unused place that might be devoted to mushroom growing. They can be grown in dark rooms, caves, cellars or under greenhouse benches, where the temperature can be maintained at from 50 to 60 degrees.

**We furnish with each order a leaflet giving complete cultural directions. One brick is required for ten square feet of bed. It is put up in bricks weighing about 1 1/4 lbs. each.**

**Lambert's Pure Culture Spawn.** A new departure in the cultivation of mushroom spawn. This method insures the reproduction of a certain type, free from all inferior sorts, that will largely increase the yield and produce the very best mushrooms. 40 cts. per brick, 2 for 70 cts. By express, 5 bricks for \$1.25, 10 bricks or over at 20 cts. per brick.



## MUSTARD

**CULTURE.** For early salads sow in a medium hot bed in March, and for a general crop at intervals through the spring, in rows six to eight inches apart, and rather thickly in the rows. Cut it when four inches high.

**Southern Giant Curled.** (50 days) This is very highly esteemed in the South, where the seed is sown in the fall, and the plants used very early in the spring as a salad. Pkt. 5 cts., oz. 10 cts., 1/4 lb. 30 cts., lb. \$1.00.

**Fordhook Fancy.** (50 days) This is the finest of all mustard, curled like an ostrich plume. In fact it is sold under the name of "Ostrich Plume," splendid flavor, can be cooked any time of the year just like spinach and by many is considered far superior. Pkt. 5 cts., oz. 15 cts., 1/4 lb. 45 cts., lb. \$1.50.

## OKRA

**CULTURE.** Seed should be soaked before planting to insure quick and even germination, sow in rows 2 to 3 feet apart and thin to 12 to 18 inches in the row. Gather pods when young. It is delicious in soups.

**White Velvet.** (50 days) A very popular variety producing long smooth white pods of excellent flavor, very prolific. Pkt. 5 cts., oz. 10 cts., 1/4 lb. 25 cts., lb. 75 cts.

**Perkins Mammoth Pod.** (60 days) A new variety having enormous ridged pods, light green in color, very early and prolific. Pkt. 5 cts., oz. 10 cts., 1/4 lb. 25 cts., lb. 75 cts.



Southern  
Giant  
Curled

## ONION SETS

The chief value of onion sets lie in the quickness of their being ready for the table. For green onions much time can be gained by their use.

**CULTURE.** Onion sets should be planted out as early as the ground is dry enough to work; plant them in rows one foot apart with sets three or four inches apart. When raised from sets the onions can be used in the green state in June, or they will be ripened off by July. *Plant 300 to 500 pounds the acre.*

Price subject to market changes. Write for quotations on large quantities.

**Yellow.** Lb. 30 cts. 10 lbs. or over by express at 15 cts. per lb.

**White.** Lb. 35 cts. 10 lbs. or over by express at 18 cts. per lb.



Onion Sets



Ohio Yellow Globe (Field View)

## ONIONS

Although onion seed was one of last season's short crops we have a normal supply of high grade stock to offer. All of our seed is raised from carefully selected bulbs and are as fine strains as it is possible to secure.

**CULTURE.** A strong, deep, rich and loamy soil is most suitable for this crop. Muck beds well drained to the depth of two feet give large yields. A black sandy loam is also excellent. The ground should be heavily dressed with well rotted manure, and plowed a moderate depth, taking a narrow furrow in order to more thoroughly mix the manure with the soil; if possible the plowing should be done in the fall. As early in the spring as the ground is in working order harrow it thoroughly and make as fine and level as possible; sow thinly in drills one-fourth inch deep and 14 inches apart.

Keep the surface of the ground open and free from weeds but do not ridge up to the growing bulbs. *One ounce will sow 100 feet of drill four to five pounds per acre for large onions, 50 to 60 pounds for sets.*

**Ohio Yellow Globe Danvers. (120 days)** (Extra selected.) This is an extra fine strain of the Globe Danver Onion, true to type, and superior to much seed sold under this name. It is of good shape and size and will produce all marketable onions. This variety makes a solid bulb and is one of the best of keepers. We confidently recommend it to growers. Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.50. 5 lbs. or more (not prepaid) at \$3.00 per lb.

**Large Red Wethersfield. (100 days)** This is a standard variety in the East. Large size; deep purplish red, flesh purplish white, moderately fine grained and strongly flavored. Pkt. 5 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts., lb. \$2.50. By express, 5 lbs. or over at \$2.25 per lb.

**Mammoth Silver King. (80 days)** A large white Italian variety. It matures early, and is of large size, flat, but thick. The skin is a beautiful silvery white, flesh white and of a mild, sweet flavor. Pkt. 10 cts., oz. 35 cts.

**Prize Taker. (100 days)** Although a very large onion, it is hardy and a fair keeper. The outside skin is of a rich yellow color, while the flesh is white, sweet and tender. They bottom well, are free from stiffnecks. It is very productive. Pkt. 10 cts., oz. 40 cts.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.50.

**Southport Red Globe. (110 days)** This is a handsome globe shaped variety, and deserving of general cultivation. It matures quite early, grows to a large size and is very productive; skin deep red; flesh fine grained. We offer a fine strain from selected bulbs. Pkt. 5 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.50. By express, 5 lbs. or more at \$3.00 per lb.

**Southport White Globe. (120 days)** A handsome onion of beautiful shape, clear, white skin, and commands the highest market price. To retain the white color they should be cured in the shade. Pkt. 10 cts., oz. 35 cts.,  $\frac{1}{4}$  lb. \$1.25, lb. \$4.00.

**Southport Yellow Globe. (110 days)** A bright yellow globe onion with mild flavor, productive and a good keeper. Pkt. 5 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.50.

**White Silverskin, for Pickling. (95 days)** This is a small silvery white onion, used almost entirely for pickling. Pkt. 5 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.50.



Southport Red Globe

## PEAS

**CULTURE.** Peas mature earliest in a light, rich soil; for general crop a moderately heavy soil is best. Commence sowing early varieties as soon as ground can be worked, continue for a succession every two weeks until June. Sow the early, second early and late varieties at the same time for a succession. *One pound for fifty feet of drill; 110-175 pounds for an acre.* The wrinkled varieties are more susceptible to cold, wet weather than the small round hard sorts, hence should not be planted very early except in warm, dry locations.

In comparing prices, please bear in mind that our prices are postage paid by us, on pounds and two pounds, and if ordered by express, purchasers may deduct ten cents per pound from prices named. 10 lb. rate is by express or freight, purchasers paying charges.

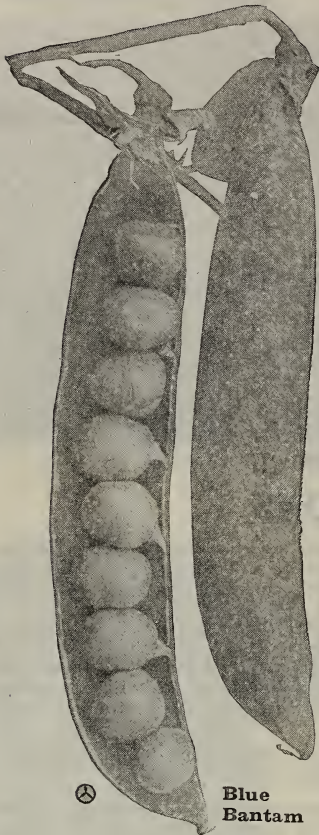
### EXTRA EARLY SORTS

**Alaska. (45 days)** An extra early hardy pea. Pods of perfect shape, well filled with smooth peas of unrivalled quality. Seed blue, height  $2\frac{1}{2}$  feet. Pkt. 15 cts., lb. 35 cts., 2 lbs., 60 cts. By express, 10 lbs. or more at 20 cts. per lb.

**American Wonder. (55 days)** An early wrinkled pea, growing from 9 to 12 inches high, and producing well filled pods of the finest flavor. Pkt. 15 cts., lb. 40 cts., 2 lbs. 75 cts. By express, 10 lbs. or more at 22 cts. per lb.

**Blue Bantam. (55 days)** The dwarf, vigorous vines average fifteen inches in height and carry enormous crops of large deep bluish green pods. The handsome pointed pods, usually borne singly, measure four to four and one-half inches long and are tightly packed with eight to ten extra large luscious peas. This variety is considered by all who have tried it as being not only the most prolific but one of the best flavored dwarf peas that we offer. Pkt. 15 cts., lb. 45 cts., 2 lbs. 85 cts.

**First and Best. (50 days)** Pods well filled with round, smooth peas of excellent flavor. Extremely early, productive and hardy. Height  $2\frac{1}{2}$  feet. Pkt. 15 cts., lb. 35 cts., 2 lbs. 60 cts. 10 lbs. or over at 20 cts. per pound.



Blue  
Bantam

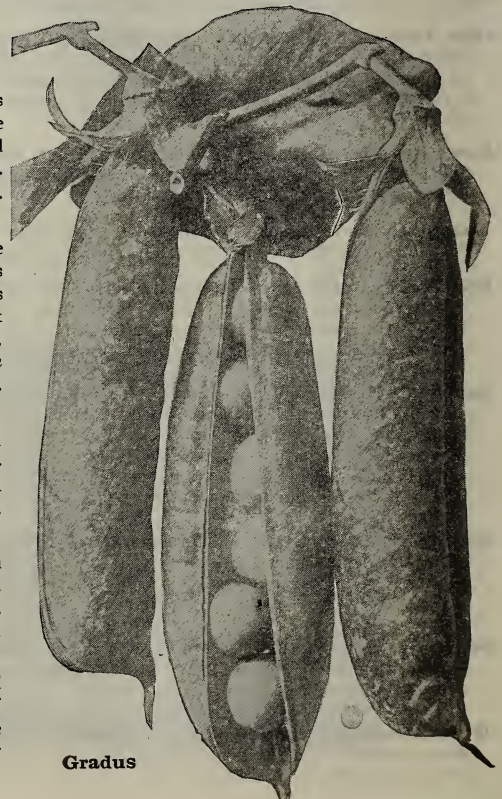
**Gradus. (55 days)** An early wrinkled pea, which is very hardy and can be planted extremely early. The vine grows about  $2\frac{1}{2}$  feet high. Pods large and well filled with good sized peas. One of the earliest. Pkt. 15 cts., lb. 40 cts., 2 lbs. 75 cts. 10 lbs. or over at 22 cts. per lb.

**Little Marvel. (53 days)** This variety has become one of the standard sorts for an extra early pea. It is especially popular with market gardeners because of its extreme earliness and productiveness. The large dark green pods are usually borne in pairs. Very dwarf, vines growing only 15 to 18 inches high. (Illustrated on back cover.) Pkt. 15 cts., lb. 45 cts., 2 lbs. 80 cts. 10 lbs. or over at 30 cts. per lb.

**Nott's Excelsior. (52 days)** This excellent dwarf wrinkled extra early pea is robust and vigorous and produces in profusion handsome pods, closely packed with large peas of fine flavor. Pkt. 15 cts., lb. 40 cts., 2 lbs. 75 cts. 10 lbs. or over at 22 cts. per lb.

**Premium Gem. (55 days)** Grows about 15 inches high and is among the earliest dwarf, green wrinkled sorts. The quality is unsurpassed; an abundant bearer. Pkt. 15 cts., lb. 40 cts., 2 lbs. 75 cts. 10 lbs. or over at 22 cts. per lb.

**Thomas Laxton. (50 days)** One of the largest podded of the dwarf peas. Matures with the earliest and is of a delicious flavor. A grand pea for early market or home use. Pkt. 15 cts., lb. 45 cts., 2 lbs. 85 cts. 10 lbs. or over at 25 cts. per lb.



Gradus

## SECOND OR MEDIUM EARLY SORTS

**Dwarf Telephone or Daisy.** (65 days) A medium late pea of dwarf, stocky habit, healthy vigorous growth, and productive, bearing large, handsome pods and peas of highest quality. Pkt. 15 cts., lb. 45 cts., 2 lb. 80 cts. 10 lbs. or over at 30 cts. per lb.

**Everbearing.** (60 days) Grows about 20 inches high; pods of good length; peas very large, wrinkled and in quality unsurpassed. For continuance and profusion of bearing this variety is unexcelled. Pkt. 15 cts., lb. 40 cts., 2 lbs. 75 cts. 10 lbs. or over by express at 22 cts. per lb.

**Horsford's Market Garden.** (60 days) A grand wrinkled sort and a prolific bearer. Pods of medium size; peas of a delicious sweet flavor. Two feet high. Pkt. 15 cts., lb. 35 cts., 2 lbs. 60 cts. 10 lbs. or over by express at 20 cts. per lb.



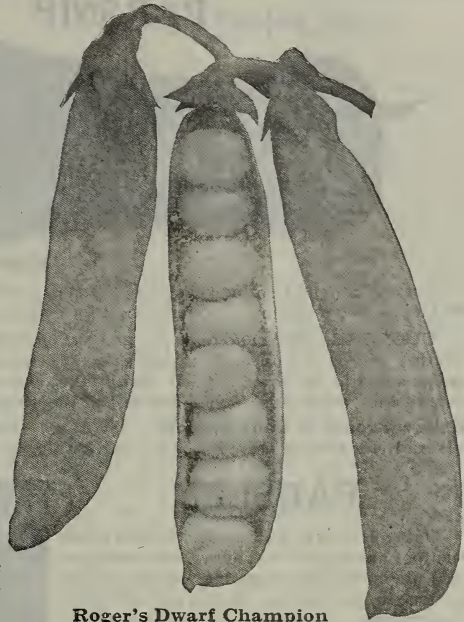
Horsford's  
Market Garden

### Roger's Dwarf Cham-

### pion. (65 days)

This new pea is one of the finest sorts we have ever tried. Vines make a healthy dark green growth and are well loaded with pods. The peas which are borne crowded in medium sized pods are of the highest quality,

possessing the rich flavor of the Champion of England. The growth is very dwarf requiring no support. Pkt. 15 cts. lb. 45 cts., 2 lbs. 80 cts. 10 lbs. or over by express at 30 cts. per lb.



Roger's Dwarf Champion

## LATE OR MAIN CROP

**Alderman.** (72 days) This is an English variety very similar to improved Telephone. Pods are darker than Telephone and borne in great clusters; one of the very best late sorts. Splendid flavor and large peas. Pkt. 15 cts., lb. 40 cts., 2 lbs. 75 cts. 10 lbs. or over by express at 22 cts. per lb.

**Champion of England** (75 days) One of the richest and best flavored peas grown; height three to four feet, seed wrinkled, whitish green and much shriveled. Pkt. 15 cts., lb. 40 cts., 2 lbs. 75 cts. 10 lbs. or over by express at 25 cts. per lb.

**Improved Stratagem.** (68 days) One of the finest dwarf wrinkled peas. Their quality is unsurpassed, vines grow to a height of eighteen or twenty inches, do not require sticking and are loaded with pods that are crowded with immense dark green peas. Pkt. 15 cts., lb. 40 cts., 2 lbs. 75 cts. 10 lbs. or over by express at 22 cts. per lb.

**Telephone.** (70 days) One of the finest tall wrinkled marrows yet introduced. Vine strong, producing abundantly. The pods are of large size and filled with large delicious peas. Height three to four feet. Pkt. 15 cts., lb. 40 cts., 2 lbs. 75 cts. 10 lbs. or over by express at 24 cts. per lb.

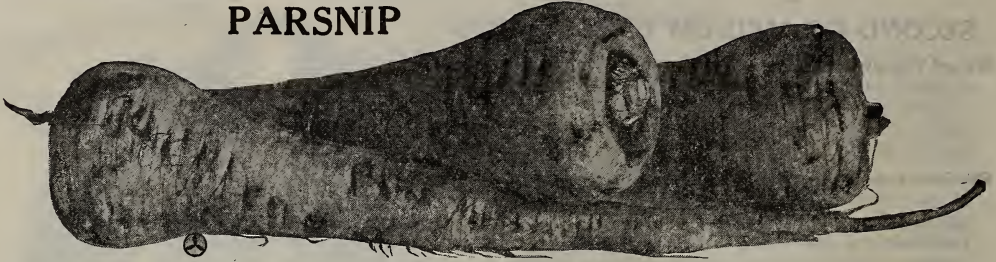


Telephone

## FIELD PEAS

**Canada Field.** (White Seeded.) Valuable for soiling purposes. Sow at the rate of two to three bushels per acre; also sow with oats for green feed; are now quite extensively used for this purpose. 10 lbs. or over by express at 10 cts. per lb.

## PARSNIP



**Hollow Crown Parsnip**

For a Winter and Spring vegetable, Parsnips are both appetizing and healthful. Of the many varieties grown, we have selected the one we offer as best for every purpose.

**CULTURE.** *One ounce will sow 200 feet of drill; five pounds for one acre.* Sow as early in the spring as the weather will permit, in drills 15 inches apart, covering half an inch deep. When well up thin out to five or six inches apart in the rows. Unlike carrots they are improved by frost, and it is usual to take up in fall a certain quantity for winter use, leaving the rest in the ground until spring, to be dug as required.

**Hollow Crown or Long Smooth. (85 days)** Roots oblong, ending somewhat abruptly with a tap root; best variety for general use. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 60 cts., lb. \$2.00.

## PARSLEY

*One ounce to 150 feet of drill.* Sow in drills one foot apart, in rich, mellow soil; soak the seed 12 hours before sowing, which should be done in early spring, as they are very slow to germinate. When one or two inches high thin out the plants to six inches apart in the rows. Used as a garnish for table, also in soups.

**Champion Moss Curled. (65 days)** A compact growing finely cut and beautifully curled variety. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 40 cts., \$1.25 lb.

**Hamburg. (100 days)** (Turnip rooted.) The root is the edible portion and is extensively used for flavoring soups, etc. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 45 cts., lb. \$1.50.



## PEPPERS

**CULTURE.** Sow in a hot bed in April and transplant to the open ground when the weather is favorable. They should be planted in warm, mellow soil, in rows 18 inches apart. They may also be sown in the open ground when the danger of frost is past and the soil is warm and weather settled. Thorough and frequent cultivation should be kept up until frost, by this means you can have a continuous crop. *One ounce will produce 2,000 plants.*

**Chinese Giant. (130 days)** The largest of all the peppers and early. Grows from four to five inches across at the base and equally as long, divided into four large sections. Fruits are of a thick chunky form, very thick and meaty. Fine for stuffing and makes excellent salads. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 35 cts., oz. 65 cts.,  $\frac{1}{4}$  lb. \$2.00.



**Chinese Giant**

**Early Neapolitan. (120 days)** The earliest large pepper. The strong vigorous plants are completely laden with long handsome fruits. The skin and flesh are bright red, they are thick-meat, sweet and mild. For market gardeners and pickling establishments it is of incalculable value. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 30 cts., oz. 50 cts.,  $\frac{1}{4}$  lb. \$1.50.

**Ohio Crimson. (120 days)** A vigorous, upright growing plant, with large fruits, and is more productive than any other pepper on the market. They ripen earlier than any of the very large fruited sorts, and average heavier as the flesh is unusually thick. The young fruits are a beautiful green, turning red as they ripen, until when matured they are a deep crimson color. Very mild. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 35 cts., oz. 65 cts.,  $\frac{1}{4}$  lb. \$2.00.

**Red Cayenne. (125 days)** A long slim pod, rather pointed and when ripe of a bright red color, extremely strong and pungent. Used for pickling and pepper-sauce. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 30 cts., oz. 50 cts.,  $\frac{1}{4}$  lb. \$1.50.

**Ruby King. (130 days)** A large and handsome variety. When ripe they are of a beautiful ruby red color, and are always remarkably mild and pleasant to the taste. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 30 cts., oz. 50 cts.,  $\frac{1}{4}$  lb. \$1.50.

**Sweet Mountain or Spanish Mammoth. (120 days)** It is very large, smooth and handsome; when mature, a rich red. Flesh thick, sweet, and mild flavored. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 30 cts., oz. 50 cts.,  $\frac{1}{4}$  lb. \$1.50.

## PUMPKINS



Large Yellow Field

**CULTURE.** Plant in good soil when the ground has become warm, in hills eight to ten feet apart each way, or, as the general practice is with corn, in about every fourth hill. *Three pounds per acre alone or about one pound with corn.* The seeds weigh about 12 ounces to the quart. For remedy against bugs, see cucumbers.

**Green Striped Cushaw. (75 days)** This is one of the finest pumpkins in existence; a long crooked neck, terminating in a round or oblong end, enclosing a very small seed cavity; flesh surrounding seed cavity very thick. The neck is absolutely solid, rivalling the finest sweet potatoes for baking, or as a pie sort, it has no equal. Splendid keeper. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 45 cts., lb. \$1.50.

**King of Mammoths. (Jumbo) (90 days)** Largest of all the pumpkins, the fruits growing to enormous size. They often reach 24 inches in diameter, weighing from 100 to 200 pounds. Make excellent stock feed, yet the quality is the best for pies. When ripe, the skin is a rich orange color, flesh thick

and yellow, sweet and tender. Mammoth pumpkins may be had by growing on fertile soil and thinning to one vine to the hill. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.50.

**Large Yellow Field. (90 days)** A large yellow variety. The best for field culture. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 40 cts., lb. \$1.25. By express 5 lbs. or more at \$1.00.

**Sugar. (65 days)** This is a handsome and prolific variety of small size; the skin is a deep orange yellow. It is fine grained in flesh, sweet in taste and an excellent keeper. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 35 cts., lb. \$1.25.

## MEDICINAL AND POT HERBS

*Herbs in general delight in rich mellow soil. For early use sow in hot-beds in March, transplanting to the open ground when weather is suitable. May also be sown in the open ground in May in rows 12 inches apart. Cover lightly and when large enough thin out to eight to ten inches apart in the row. They should be cut on a dry day just before they come into full bloom and hung where they may dry quickly.*

**Balm.** (*Melissa Officialis*.) The leaves which have a fragrant odor are used in making balm wine, balm tea for fevers and other culinary uses. Pkt. 5 cts.

**Basil Sweet.** (*Ocimum basilicum*.) Annual. The leaves and young shoots are used in highly seasoned dishes, as well as in soups, stews and sauces. Pkt. 5 cts.

**Caraway.** (*Carum carui*.) Biennial. Cultivated mainly for the seeds which are used in cakes, confectionery and medicine. The leaves are also used in flavoring soups. Pkt. 5 cts., oz. 15 cts.

**Catnip or Cat Mint.** (*Nepeta cataria*.) A hardy perennial well known as a mild nerve for infants. Sow in fall or early spring in drills 20 inches apart. Pkt. 5 cts.

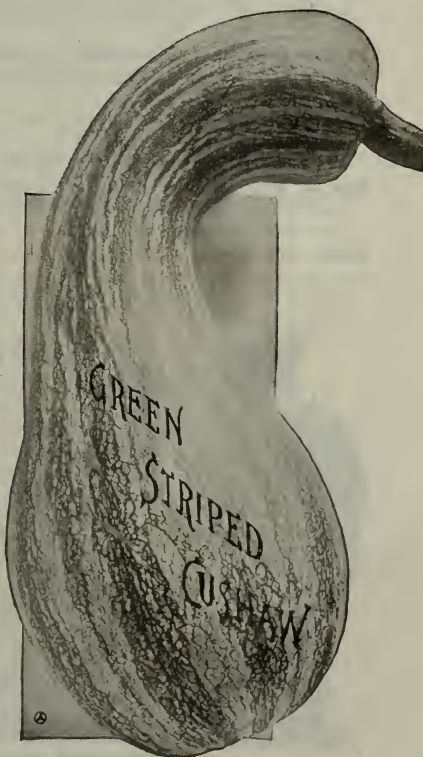
**Dill.** (*Anethum graveolens*.) An annual cultivated for its seeds which have an aromatic odor and warm pungent taste. They are used as a condiment, also in making dill pickles. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 50 cts.

**Horehound.** (*Marrabium vulgare*.) A perennial herb with a strong aromatic smell and a bitter pungent taste. It is a tonic and the leaves and tops enter largely into the composition of cough syrups and lozenges. Pkt. 5 cts.

**Lavender.** (*Lavendula vera*.) A popular aromatic herb. The flower spikes are dried for their delightful, lasting fragrance. Sow seed thickly and early in the spring as it is slow to germinate. Pkt. 5 cts.

**Sage.** (*Salvia officinalis*.) The leaves and tender tops are used in seasoning dressing and sauces. A medicinal tea is also made from the dried leaves. Perennial. Pkt. 5 cts., oz. 30 cts.

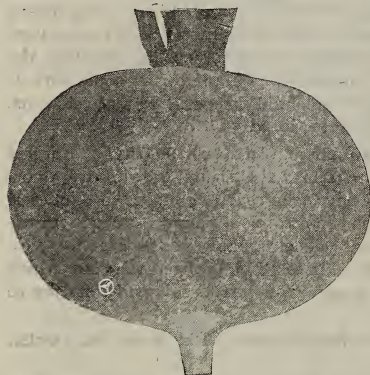
**Sweet Marjoram.** (*Origanum marjorana*.) Used as a relish in soups, broths and dressings. Perennial. Pkt. 5 cts., oz. 15 cts.



## RADISH

**CULTURE.** One ounce will sow 100 feet of drill, ten pounds required for one acre. For the first crop sow as early in the spring as the ground can be worked, and every two weeks throughout the season for a succession. A warm, sandy loam, made rich and light by some good strong manure, will be most likely to afford them brittle and free from worms. Sow in drills 10 to 12 inches apart. The winter varieties should be sown in July and August.

**Chartier. (35 days)** The upper part is crimson running into pink, thence downward it is pure waxy white. It is very crisp, tender and of pleasant flavor. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 45 cts., lb. \$1.50.



**Crimson Giant**

**Cincinnati Market. (28 days)** A fine extra early variety with a long, smooth root and small top. The color is a bright red and transparent; the flesh is tender and delicious, even when full grown. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 45 cts., lb. \$1.50.

**Crimson Giant. (35 days)** Suitable for forcing or early planting out of doors. A remarkable feature of this radish is that it will grow larger than the other round red forcing radishes, and remain solid longer. Shape is round to oval, and very attractive. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.75.

**Early Round Scarlet. (25 days)** A small round, red turnip-shaped radish, with a small top, and of very quick growth. An early variety, rich color, crisp and tender. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.50.



**Cincinnati Market**

**Early Long Scarlet. (28 days)** Grows six or seven inches long, half out of the ground: is brittle and crisp; color bright scarlet, small top; one of the earliest. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.75.

**Early Scarlet Globe. (20 days)** Fine for forcing and market gardening purposes. Shape roundish oval; large; brilliant red; flesh white, solid, crisp and mild. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.75. (Illustrated on back cover.)

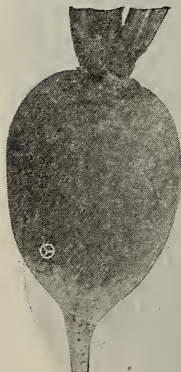
**Early Scarlet Olive. (20 days)** This is an excellent deep red, olive shaped forcing sort, typical in its very small tops, and early maturing roots, which should be pulled just as soon as in condition. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.75.

**French Breakfast. (25 days)** A splendid half-long variety of medium size, crisp and tender, of a beautiful scarlet color, with a white tip. One of the best and most popular radishes grown. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.75.

**Icele. (25 days)** This radish grows about four inches long, is of transparent whiteness with short leaves, and makes its growth quickly. It is of most excellent flavor and equally desirable for home use and market. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.75.

**Round White Tip Scarlet. (21 days)** An early variety of medium size and excellent flavor, and of handsome appearance. The best of the round varieties. Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 60 cts., lb. \$2.00.

**White Strassburg. (48 days)** An excellent summer variety. Pure white, firm and brittle, and of fine quality. Withstands hot weather best of any sort. Slow to become pithy. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.50.



**Scarlet  
Olive Shaped**

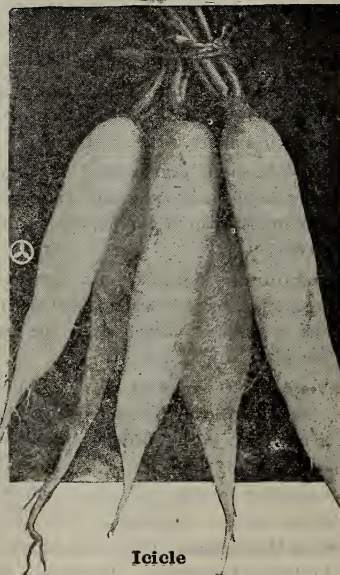
## WINTER RADISHES

Winter radishes are very easily raised and keep like turnips if stored for winter use. The following varieties are the most desirable. These require from two to three months to mature.

**Long Black Spanish. (72 days)** One of the latest and hardiest. Roots oblong, black, of large size and firm texture. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.50.

**Rose China Winter. (60 days)** One of the best fall and winter varieties, a favorite with market gardeners; bright rose color, flesh white and of superior quality. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.50.

**California Mammoth White. (65 days)** Pure white. The flesh is tender and crisp and keeps well through the winter. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.50.



**Icele**

## RHUBARB or PIE PLANT

Sow in spring in seed bed, in drills two feet apart. Cultivate well during the season, and in the autumn or following spring transplant into deep rich soil, from three to four feet apart. The stalks should not be cut before the third year. For immediate use order the roots, which come into use at once.

**Linnaeus.** Large and tender; very finest of all. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 40 cts., lb. \$1.25.

**Roots.** 20 cts. each; \$1.00 per 6 by mail.

## SALSIFY or VEGETABLE OYSTER

**CULTURE.** Sow the seed early in spring, in drills one foot apart and one inch deep, thinning out the young plants to four inches. The roots will be ready for use in October, when a supply should be taken up and stored in moist sand in a cool room. Those remaining will suffer no injury by being left in the ground until spring. *One ounce to 100 feet. Ten to twelve pounds are required for one acre.*

**Mammoth Sandwich Island. (95 days)** The largest, smoothest and the very best in every way of all salsify. Pure white, very tender and of excellent quality. Pkt. 10 cts., oz. 35 cts.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.00.

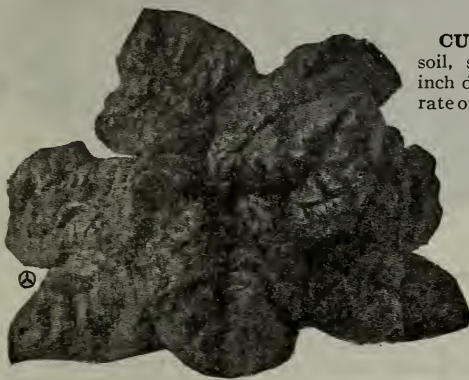
## SPINACH

**CULTURE.** Select very rich, well drained soil, sow in drills one foot apart and one inch deep; or it may be sown broadcast at rate of thirty pounds per acre. For spring and summer use make the first sowing early in spring and continue at intervals for two or three weeks, until the middle of June, sow in August and September for early spring use, and protect with a covering of straw during severe winter. *One ounce will sow 100 feet of drill or ten to twelve pounds to the acre.*

**Round Thick Leaved. (45 days)**

One of the most popular with our market gardeners; leaves large, thick and fleshy; excellent for fall sowing, being very hardy. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 40c., lb. \$1.50.

**Mammoth Sandwich Island Salsify**



Round Thick Leaf

**Bloodsdales Savoy. (45 days)** In some sections this is the best known variety. The leaves are crumpled or savoyed, hardy, standing out all winter south of the Ohio river. A very desirable market sort. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 40 cts., lb. \$1.50.

**New Zealand Spinach. (55 days)** (*Tetragonia Expansa.*) A strong growing summer variety. The young branches and leaves can be gathered at any time. Sow thinly in drills 15 inches apart after danger of frost is past. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 60 cts., lb. \$2.00.

## SQUASH

Any good enriched soil is adapted to the growth of the squash. The seed should not be sown in the spring until danger from frost is past and the ground is warm and thoroughly settled. Keep the earth about the plants loose and clean, removing the surplus vines from time to time, allowing not more than three plants to the hill. For remedy against bugs, see cucumbers.

### SUMMER VARIETIES

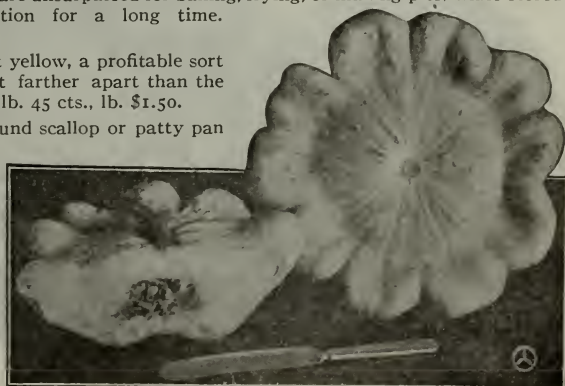
*One ounce to 25 hills, four feet apart each way.*

**Bush Fordhook. (55 days)** In this new true bush type the plants can be grown much more closely together. The fruits are rather shorter and thicker than those of the running type; they are also thicker fleshed and have a smaller seed cavity. An important advantage is that any fruits not needed for summer use can be left to ripen on the plants and gathered for winter use. They are unsurpassed for baking, frying, or making pies, while stored in a dry place they will keep in good condition for a long time. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 45 cts., lb. \$1.50.

**Giant Summer Crookneck. (45 days)** Bright yellow, a profitable sort for market, keeps bearing all summer. Plant farther apart than the other bush varieties. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 45 cts., lb. \$1.50.

**Mammoth White Bush. (50 days)** Of all round scallop or patty pan squashes, this is the very best; not quite as early as Early White Bush, but far superior in size and quality. Sometimes known as vegetable marrow. Fruits round white, deeply scalloped, lobes being in pairs; very tender and delicious. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 45 cts., lb. \$1.60.

**Vegetable Marrow. (50 days)** Very popular with the English, and may be easily grown in this climate. Fruits are from 10 to 15 inches long, flesh pure white and richly flavored. Should be used when young and tender. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 45 cts., lb. \$1.60.



Mammoth White Bush



## FALL AND WINTER SQUASH

*One ounce to 10 hills; two pounds per acre, eight or ten feet apart each way*

If the winter varieties are not planted until the latter part of June they are more liable to escape the ravages of the borer.

**Delicious. (60 days)** A squash of the richest and finest quality known. It is of medium size, dark green in color and with very thick flesh which cooks dry, and is of superior flavor. Although a good fall variety it is in its best condition in the winter. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 60 cts., lb. \$2.00.

**Golden Hubbard. (65 days)** The color is a deep orange, tipped green at each end. The flesh is golden yellow, of excellent flavor and cooks dry. A good keeper; also can be used early in the green state. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.75.

**Hubbard. (65 days)** Skin deep olive green, flesh orange yellow. Sweet, rich flavored; keeps well through the winter; boils or bakes dry. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.75.



## TOMATO

**CULTURE.** Sow in hot beds during March, or from six to eight weeks before they can be set out of doors; when the plants have four leaves transplant into shallow boxes, setting them four or five inches apart; give them plenty of air and endeavor to secure a vigorous but steady and healthy growth, so that at the time of setting in the open ground they will be strong and stocky. Set out of doors as soon as danger from severe frosts is over. Seed may be sown in the open ground also at this time, and will make strong hardy plants, that will be excellent for late fruiting. *One ounce will produce 3000 plants.*

**Bonny Best. (88 days)** Large smooth fruit of a rich scarlet red, the color demanded by many markets. Fruit thick, with a small core, an excellent tomato for any purpose. Slices exceptionally well. Nearly globe shaped, slightly flattened at stem. Borne in clusters of 5 or 6 fruits, all ripening evenly together. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 25 cts., oz. 40 cts.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.50.

**Dwarf Giant. (119 days)** This new tomato we have tried out thoroughly and we must say that it is the finest dwarf tomato that we have ever seen. The fruits are large, smooth and of the finest quality. It is uniform in growth, foliage dark and produces an enormous crop of extremely solid fine flavored fruit. Color the pleasing purple-crimson so much desired in some markets. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 25 cts., oz. 40 cts.,  $\frac{1}{4}$  lb. \$1.25, lb. \$4.00.

**Dwarf Stone. (100 days)** Of stout upright and compact growth. Fruit is as large as the late Stone, and of same color, a bright red, while it is as early as the other dwarf varieties, and like them may be planted much closer. Pkt. 5 cts., oz. 40 cts.,  $\frac{1}{4}$  lb. \$1.25, lb. \$4.00.

**Golden Queen. (100 days)** Solid, smooth, large and handsome sort; in fact by far the most beautiful yellow variety and of excellent quality. Pkt. 5 cts., oz. 35 cts.,  $\frac{1}{4}$  lb. \$1.00.

**John Baer. (85 days)** This new exceptionally early tomato has won much praise from all who have tried it. It is very large, free from core and of an attractive bright red color. Very prolific, one plant often having from fifty to seventy-five fruits which are borne in clusters and ripen evenly clear up to the stem, never bursts. Unexcelled for early home or market use. Pkt. 5 cts., oz. 35 cts.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.50.



John Baer



Stone

**Livingston's Globe. (95 days)** Of globe shape, large size, always smooth, firm fleshed, with few seeds, and ripens evenly. The color is a fine glossy rose tinged with purple. Early. Pkt. 5 cts., oz. 40 cts.,  $\frac{1}{4}$  lb. \$1.25, lb. \$4.00.

**Ponderosa. (110 days)** In addition to its ponderous size, it is also very solid, there being but few seeds. In color it is a beautiful crimson throughout. Although so large it is quite early. Pkt. 10 cts., oz. 45 cts.,  $\frac{1}{4}$  lb. \$1.50, lb. \$5.00.

**Red Rock. (115 days)** In Red Rock we believe we offer the very best main crop red tomato ever offered. Very prolific, borne on strong disease resisting plants, and of excellent quality, very thick fleshed and meaty. One of the heaviest yielders. Pkt. 5 cts., oz. 35 cts.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.00.



## TOMATO (Continued)

**June Pink. (85 days)** An early variety, similar in habit to the famous Earliana, differing only in its color, which is pink instead of red. Early, blight resisting, long and heavy yielding. An excellent shipper on account of its reasonably tough skin. Pkt. 5 cts., oz. 40 cts.,  $\frac{1}{4}$  lb. \$1.25, lb. \$4.00.

**Livingston's Coreless. (110 days)** All of the fruits are of marketable size. Always free from green core; ripens all over and through and right up under the stem, all at once. A grand, good slicing variety; the seed cells being surrounded by bright red, heavy, meaty and delicious flesh. Pkt. 5 cts., oz. 40 cts.,  $\frac{1}{4}$  lb. \$1.25, lb. \$4.00.



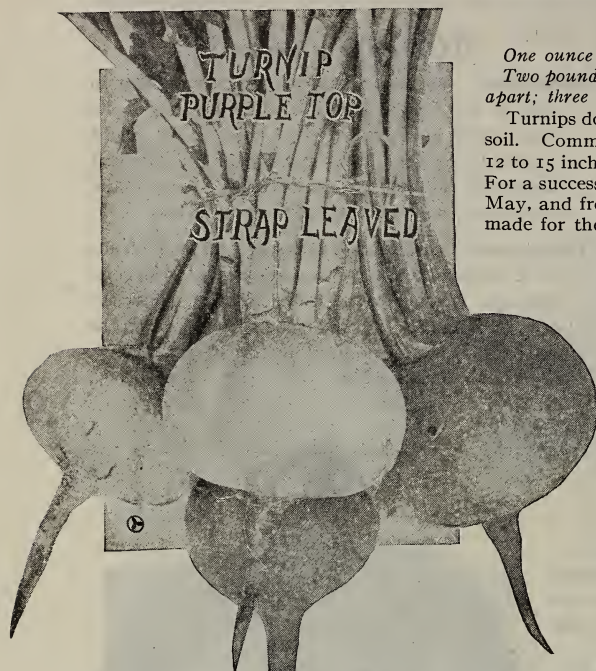
Livingston's Coreless

**Spark's Earliana. (85 days)** Remarkable for its earliness, large size, uniform shape, attractive red color, and productiveness. The fruit is solid, and the quality is all that could be desired. The leading early market variety. Pkt. 5 cts., oz. 35 cts.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.00.

**Stone. (125 days)** A fine tomato for main crop, for market or canning. The fruit is perfectly smooth, of a beautiful red color and very large. It ripens evenly, and is free from rot, even in wet seasons when other sorts have rotted badly. Pkt. 5 cts., oz. 35 cts.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.00.

**Red Pear. (95 days)** Beautiful red pear shaped fruits borne in large clusters. Pkt. 5 cts., oz. 35 cts.,  $\frac{1}{4}$  lb. \$1.00.

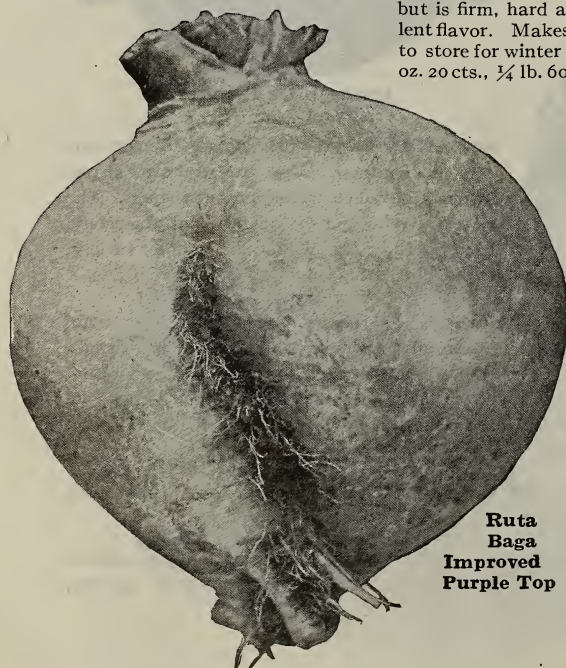
**Yellow Pear. (95 days)** Fruits a clear, handsome yellow. Very sweet and free from acid. Pkt. 5 cts., oz. 35 cts.,  $\frac{1}{4}$  lb. \$1.00.



**Purple Top White Globe. (70 days)** This is the most popular turnip grown and is in much demand in all the markets. Of globular shape, very handsome, and of superior quality either for table or stock. It is early, of rapid growth and an excellent keeper. Flesh pure white, skin white with purple top. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 60 cts., lb. \$2.25.

### YELLOW FLESHED SORTS

**Orange Jelly or Golden Ball. (70 days)** A very distinct, round yellow variety. One of the finest sorts for family use. Flesh pure yellow, fine grained, sweet and tender. Does not attain a large size but is firm, hard and of most excellent flavor. Makes an ideal fall crop to store for winter use. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 60 cts., lb. \$2.00.



Ruta  
Baga  
Improved  
Purple Top

## TURNIP

One ounce sows 100 feet of drill.

Two pounds per acre in drills 12 to 15 inches apart; one pound two feet apart; three pounds broadcast.

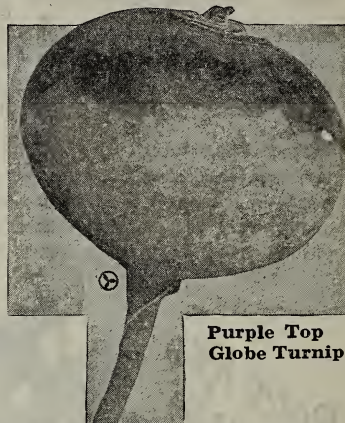
Turnips do best in a highly enriched, sandy, gravelly, or light loamy soil. Commence sowing the earliest varieties in April, in drills from 12 to 15 inches apart, and thin out early to six or eight inches in rows. For a succession, sow at intervals of a fortnight until the last week in May, and from the last of July to the end of August sowing may be made for the fall and main crops.

### WHITE FLESHED SORTS

**Early White Flat Dutch. (40 days)** An excellent extra early, flat turnip. Strap leaved, mild flavor, fine quality. To be at their best should be used when small as they are more tender. Also grown for a fall crop. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 60 cts., lb. \$2.00.

**Early Purple Top, Strap-Leaved. (55 days)** This is very similar to the Early Flat Dutch, being purple or dark red on top and a few days later. Excellent quality and one of the most popular sorts. Largely grown for market. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 60 cts., lb. \$2.00.

**White Egg. (50 days)** In White Egg we offer a quick growing pure white variety that is very popular. Solid, firm, flesh fine grained, cooking up sweet and tender. Egg shaped, skin pure white. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 60 cts., lb. \$2.00.



Purple Top  
Globe Turnip

**Yellow Globe. (75 days)** This is a large sized general crop turnip. Globe shaped, pale yellow with green top. The skin is smooth, flesh firm and sweet. A splendid variety for either table or stock and is an excellent keeper. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 60 cts., lb. \$2.00.

**Improved Purple Top Ruta Baga. (95 days)** One of the best of the Swedes; hardy and productive; flesh yellow, sweet and well flavored; shape slightly oblong terminating abruptly. color purple above, and yellow under the ground; rich in flavor. A popular market sort. Pkt. 5 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts., lb. \$2.50.

**Large White Ruta Baga. (90 days)** (Sweet Russian.) This variety is most excellent either for table or stock. It grows to a large size; flesh white, solid, firm texture, sweet and rich; keeps well. Pkt. 5 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts., lb. \$2.50.

## TOBACCO

**Connecticut Seed Leaf.** A popular cigar variety. Adapted to growing in northern section. Pkt 5 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts.

**Havana Imported.** Thin leaved variety. Largely used for cigar wrappers. Pkt. 10 cts., oz. 30 cts.

# LAWN GRASS SEED



(From Photograph)

At prices quoted by the pound to three pounds we pay postage.  
Larger quantities at purchasers expense, by freight or express.

**Velvet Sod Mixture.** This is a mixture made expressly for lawns and has produced some wonderful results. One pound will seed about 300 square feet, 80 to 100 pounds are required for one acre. Old lawns are greatly benefited, if in the Spring they are carefully raked, removing the dead grass and leaves that may be upon them, then liberally sprinkled with Velvet Sod Mixture, after which they should be thoroughly rolled with a heavy hand roller. Instructions for making and caring for lawns are packed in every package.

**Velvet Sod Mixture.** This mixture is carefully prepared and blended by ourselves and is composed of the choicest varieties of dwarf, close growing grasses especially suited for this purpose. On ground properly prepared, this seed will quickly make a neat velvety lawn and a permanent sod. Weighs about 25 pounds to the bushel. Lb. 45 cts., 3 lbs. \$1.25. By express, 5 lbs. at 30 cts., 20 lbs. or over at 25 cts.

**Velvet Sod Mixture for Shaded Places** is made up of a variety of grasses especially adapted to growing in shaded situations. When seeding under trees plenty of fertilizer should be used to replace the plant food already consumed by the trees. Bone-meal is beneficial and safe to apply. Lb. 50 cts., 3 lb. \$1.35, postpaid. By express, 5 lbs. at 35 cts., 20 lbs. and over at 28 cts.

## STORRS & HARRISON'S RE-CLEANED GRASS SEEDS

We handle only the cleanest and finest grades of grass seeds procurable. Seeds of this nature are subject at all times to fluctuation in price, and as values are based on quality please remember in comparing prices that we handle only the best grades. Our grass seed will more than pass any **State requirement** as to purity and will satisfy the most critical buyers. Prices by the pound and three pounds are postpaid. **We do not guarantee prices on Grass and Clover Seeds.** Prices herein are based on values at the time this catalogue went to press and are subject to fluctuation with the market.

**Kentucky Blue Grass, Fancy Clean.** Also known as June Grass, a valuable variety for lawns when mixed with other grasses, and especially valuable as a pasture grass. *About three bushels to the acre for pasture*, 14 pounds to the bushel. Lb. 45 cts., 3 lbs. \$1.30, 10 lbs. and over at 28 cts.

**Red Top Grass.** Grows well in almost any soil and is valuable either for meadows, pasture or lawns, especially so for moist land. *About two bushels sow an acre*, 14 pounds to the bushel. Lb. 35 cts., 3 lbs. \$1.00, 10 lbs. and over at 15 cts.

**Red Top Fancy.** Re-cleaned seed, 32 lbs. per bushel. Lb. 45 cts., 3 lbs. \$1.25, 10 lbs. and over at 22 cts.

**English or Perennial Rye Grass.** A nutritious, quick-growing grass for meadows and pastures. It does well on sloping banks, as its roots are fibrous and mat-like. 24 pounds to the bushel. Lb. 35 cts., 3 lbs. 90 cts., 10 lbs. and over at 18 cts.

**Orchard Grass.** A valuable grass for pastures, for sowing in orchards or shady places. It grows rapidly and does not suffer from close feeding. *When sown alone three bushels should be sown to the acre*; 14 pounds to the bushel. Lb. 50 cts., 3 lbs. \$1.35, 10 lbs. and over at 35 cts.

**Meadow Fescue or English Blue Grass.** Especially suited for permanent pasture and is also fine for hay. Grows two to three feet high but not in tufts like Orchard Grass. The hay is very nutritious and cattle thrive on it whether dry or green. Succeeds even in poor soil, and as the roots penetrate deep, from 12 to 15 inches, it takes extremely dry weather to affect it. As a fertilizer it has valuable properties. It will stand freezing very effectually and its use is becoming more widespread each year. *About 24 pounds of seed are sown to the acre.* Lb. 45 cts., 10 lbs. or over at 28 cts.

## SELECTED CLOVER SEEDS

**Clover Seed.** **Alfalfa or Lucerne.** For bringing up poor land it is the best of the clovers, as it not only produces large masses of foliage but forces its roots deeply into the earth. On land that is not naturally rich it needs fertilizing to help it get started. If there is no lime in the soil a top dressing of it should be given when the land is plowed. It should be mowed often enough during first season to keep the weeds down, being careful to cut above the crowns of the Alfalfa plants. Not adapted to low wet land. Lb. 45 cts. Write for samples and prices on larger quantities. *Sow early in spring or fall at rate of 20 pounds per acre.*

**Alsike or Swedish.** An excellent variety, of luxuriant growth and very sweet; valuable for pasturage or ensilage especially on moist land; makes good bee forage. *Sow five to six pounds per acre.* Lb. 50 cts. Write for prices on larger quantities.

**Scarlet or Crimson Clover.** Brilliant scarlet flowered annual; very productive and greedily eaten by cattle, remains green longer than the red variety, and is excellent for bee food. Largely used for green manuring, sown in August it may be plowed under the following June. *Sow fifteen pounds per acre.* Lb. 45 cts. Write for prices on larger quantities.

**Sweet Clover, Bokhara.** (Melilotus alba.) This legume is native to all parts of this country and is the most beneficial of all crops for building up worn out land. Thrives on all soils, but like all clovers requires lime and should be supplied it on land where it is lacking. Makes fine pasture for bees and good quality of hay relished by all stock. Does best when seeded alone. Sow in spring or fall. *Twenty to thirty pounds are required per acre.* Lb. 50 cts. Write for prices on larger quantities.

**White Dutch Clover.** Excellent for lawns in mixtures with grasses. A good pasture clover. *Sow at the rate of six to eight pounds per acre.* Lb. 75 cts., 5 lbs. and over by express at 60 cts.

## MISCELLANEOUS FARM SEEDS

Prices per single pound are postage paid by us; in larger quantities by express or freight purchaser pays charges. Prices subject to market changes.

**Broom Corn.** **Improved Evergreen.** This variety is extensively grown on account of the color and quality of its brush, which is long, fine, straight and always green, grows seven to nine feet high. Lb. 25 cts., 10 lbs. and over at 12 cts.

**Kaffir Corn.** (Red Seeded.) An excellent fodder plant, either green or dried. It grows from five to six feet high and is well furnished with wide foliage that is greatly relished by cattle. Plant the rows three feet apart, leaving four to six plants to every foot of drill. Planted in this manner *five pounds will sow an acre.* Lb. 25 cts. Write for prices on larger quantities.

**Tennessee Millet.** No other plant that has yet been introduced for grass or forage has been able to produce anything approaching the enormous yield of Millet when grown under favorable circumstances. The seed we offer is genuine Tennessee grown, of the finest quality. There is a wonderful difference in true Southern grown Millet when compared with the cheap Western grown. True Southern Millet will produce double the amount of hay produced from Western grown seed. *Sow for feed one bushel to the acre.* Lb. 25 cts., 10 lbs. at 10 cts., 50 lbs. and over at 9 cts.

**Japanese Millet.** This grows six to eight feet high, stands remarkably well, and yields from 10 to 12 tons green fodder per acre. An excellent crop for the silo. It may be sown from the middle of May to the first of July, *broadcast at the rate of fifteen pounds per acre.* Lb. 25 cts., 10 lbs. by express at 10 cts., 50 lbs. and over by express or freight at 8 cts. per lb.

**Hairy Vetch.** (Vicia Villosa.) This legume is rapidly springing into favor in the North as a fall soiling crop. Can be sown during September and October, after most crops are off. Grows luxuriantly and is one of the greatest nitrogen gatherers. Requires no special soil preparation, neither is it particular as to soil, and is therefore very valuable for bringing up poor land. Makes a valuable and nutritious hay. If used for this purpose it should be cut in the spring when the seed pods which resemble small peas are just forming. Its feed value is equal pound for pound with prime wheat bran. *Sow broadcast at the rate of thirty to forty pounds to the acre.* Lb. 45 cts., 3 lbs. \$1.00. Write for prices on larger quantities.

**Rape.** (Dwarf Essex.) Extensively grown for forage, especially for sheep; makes excellent green feed for poultry. They can be turned into it within six to eight weeks after sowing. Cattle and sheep are apt to bloat if the leaves are wet or they are turned in hungry and allowed to fill themselves. Sow in June or July, in rows two and one-half feet apart, at the rate of *five pounds seed per acre*, or may be sown broadcast at the rate of *eight pounds per acre*; it may be sown in April for an early crop with oats, rape making a rapid growth after the oats are cut. Lb. 40 cts., 3 lbs. \$1.00, 10 lbs. and over at 20 cts., 50 lbs. and over at 18 cts.

**Sudan Grass.** This is a great drought resisting plant and will make more hay on extremely dry land than any other crop. Should be sown after the ground has become warm, *16-24 pounds to the acre broadcast, or 4-6 pounds in drills, 18-24 inches apart.* Lb. 45 cts., 3 lbs. \$1.25, 10 lbs. or over by express at 25 cts. per lb.

**Sugar Cane.** (Early Amber.) The standard variety for the North. The beautiful amber-colored syrup it produces is thought to be superior in flavor to any other, and for sugar is unsurpassed. Valuable as a forage plant. Makes excellent milk-producing feed either green or dry. *Six pounds are required per acre in rows, or 40 to 50 pounds broadcast or drilled.* ¼ lb. 15 cts., lb. 30 cts., 25 lbs. and over at 10 cts.

**Special Mixtures.** We are prepared to make special mixtures for Golf Links, Terraces, etc. Write us your wants and get prices.

**Special Grass Seed Mixtures** **FOR PASTURE and MEADOW.** To meet the increasing demand for grasses for permanent pasture and meadows we have made the following mixtures suitable for different soils and conditions. No one sort will do well on all kinds of soil; some do best on high and dry ground and in dry weather, and others on low ground with plenty of moisture. Very heavy yields of hay and pasture are reported from these mixtures. If you are in need of a mixture for hay or pasture, either permanent or temporary, please write us stating condition of soil, and for what purpose it is wanted, and we will make up a mixture for you, which we think will be satisfactory.

**MEADOW MIXTURE.** *Sow 30 pounds per acre.*  
For high and dry land . . . . . 30 lbs. for \$7.00  
For wet, late land . . . . . 30 lbs. for 7.00  
For medium, dry land . . . . . 30 lbs. for 6.00

**PASTURE MIXTURE.** *Sow 30 pounds per acre.*  
For high and dry land . . . . . 30 lbs. for \$7.50  
For wet, late land . . . . . 30 lbs. for 6.00  
For medium, dry land . . . . . 30 lbs. for 7.00

The above quantities are the least that should be sown under any conditions, they might be increased one-half or more with advantage.

# PLANET Jr. GARDEN IMPLEMENTS

Planet Jr. Tools are the greatest time, labor and money-savers ever invented for the farm and garden. They pay for themselves in a single season in bigger, better crops, and last a lifetime. Fully guaranteed.

**72-page Planet Jr. Catalog Free.** Describes 70 tools, including Seeders, Wheel Hoes, Horse Hoes, Harrows, Orchard and Beet Cultivators. **Write postal for it. Prices subject to change.**

## No. 4 Combined Seed Drill, Single Wheel Hoe, Cultivator and Plow

Price, \$19.50  
As a Seeder only  
(No. 4D) \$15.50



THIS admirable tool combines in a single convenient implement a capital hill-dropping seeder, a perfect drill seeder, a single wheel hoe, a cultivator, and a plow. It holds two quarts and as a seeder sows in continuous rows or drops in hills at five different distances. It is useful almost every day of the season, at every stage of garden work. With this one implement the small farmer can do practically all the work in his small crops.

## No. 16 Planet Jr. Single Wheel Hoe, Cultivator, Rake and Plow

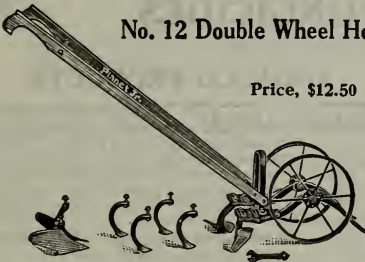
Price, \$10.50



THE highest type of Single Wheel Hoe made. Light, but strong, and can be used by man, woman or boy. Will do all the cultivation in your garden in the easiest, quickest, and best way.

## No. 12 Double Wheel Hoe

Price, \$12.50



THIS perfected wheel hoe is invaluable for use in all small crops. Its variety of work is almost incredible. The tools shown and sold with No. 12 are what gardeners use most, and others can be added as wanted.

## No. 17 Single Wheel Hoe, Cultivator, Rake and Plow

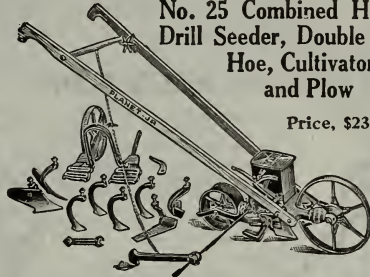
Price, \$8.75



THIS single wheel hoe has a very full set of tools, several of them being of new design, such as have been found to work in the very best manner. The tools are a well-shaped plow for marking out, plowing, covering, and late cultivation; a pair of 6-inch shield hoes and three all steel patent cultivator teeth.

## No. 25 Combined Hill and Drill Seeder, Double Wheel Hoe, Cultivator and Plow

Price, \$23.00



THIS combined machine is intended for a class of gardeners who have a large enough acreage in crops for a Double Wheel Hoe to be used to good advantage, and yet prefer not to buy a separate wheel hoe. As a wheel hoe it is identical with the No. 12 Double Wheel Hoe, the best machine on the market. The change from drill to wheel hoe takes but a moment, and the entire combination is one we can recommend and guarantee satisfactory.

## No. 31 Combined Drill and Single Wheel Hoe

Price, \$13.00

As a Seeder only  
(No. 31D) \$10.50

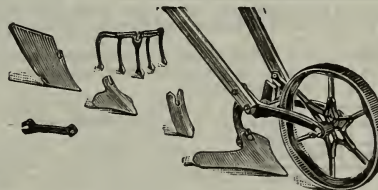


NO. 31 PLANET JR. is a new combined tool of great value to thousands of gardeners who have never felt able to own either a seed drill or a wheel hoe. It is thoroughly well-made and offered at a price that makes it pay the smallest gardener.

## No. 33 Planet Jr. Single Wheel Hoe

The No. 31 without Seeder

Price, \$6.50



## No. 19 Planet Jr. Single Wheel Hoe

Price, \$6.25



THE whole combination will delight the suburbanite or the boy who knows that a certain amount of garden work is to be part of his service. Women, younger or older, will find in this tool a light running wheel hoe that will save them hard work and help much to supply the table with fine vegetables.

## HANDY SPRAY PUMPS

To successfully cope with enemy destroyers of plant life, one must have proper weapons. Following are a few of the simpler and most effective pumps for spraying the various kinds of bug death, or prevention.

Cog Gear  
Bucket



### MYERS BUCKET PUMPS

Constructed entirely of brass, with malleable iron foot rest. Will throw a solid stream 50 feet; valuable for spraying trees, washing windows or buggies, extinguishing fires, sprinkling lawns or flowers, etc. One superior feature is the extra jet for keeping the spray material mixed and agitated.

**COG GEAR.** (No. R-324)  
1½ inch brass cylinder and patent cog-gear handle makes easy work and extra capacity. Price: The pump, with agitator, complete with detachable hose and graduating fine, sprinkling and solid stream nozzle.....\$8.00

**LITTLE GIANT.** (No. 327½)  
Special feature is the arrangement of air-chamber and

cylinder side by side which makes the down stroke do all the work; thus relieving any upward pull on the bucket. Spray is continuous regardless of plunger action. Price: The pump, with agitator complete with hose and combination fine, coarse-spray and solid-stream nozzle.....\$6.00

Little  
Giant

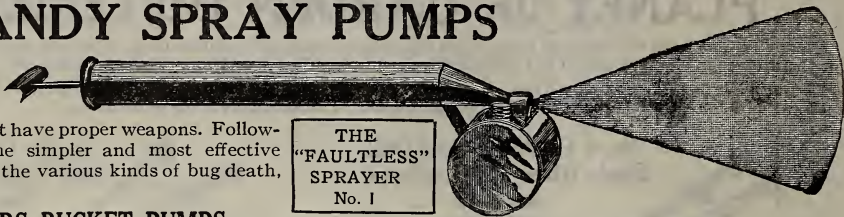


### MYERS 10 FT. BAMBOO EXTENSION

FIG 1536 BAMBOO PIPE EXTENSION

Made of selected Bamboo, 10 feet long, through which runs a special brass tube 5-16 inch in diameter, with threaded shut-off lever and male end, and safety drip shield.....\$3.75

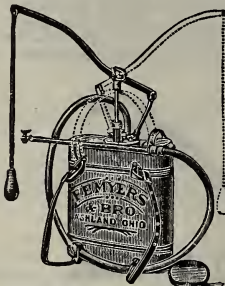
THE  
"FAULTLESS"  
SPRAYER  
No. 1



### THE "FAULTLESS" SPRAYER No. 1

Above is absolutely the best small, simple mist sprayer for general use against insects, on the market. Made of tin, substantially jointed and reinforced; greatest durability and spraying force in its class. Adapted for throwing either liquids or dry powder. Price, 75 cts. each, or \$1.00 postpaid.

### MYERS GALVANIZED (No. 330) KNAPSACK SPRAY PUMP



Adopted and recommended by the U. S. Government as the best distributor of disinfectants for mosquitos and other poisonous insects.

The galvanized tank holds 5 gallons, and is fitted with lid and strainer which can be removed. The pump is the regular Myers Brass Bucket Spray Pump, with large air-chamber, brass ball valves, solid plunger and agitator. It is so arranged that no water can drip on the operator. The pump is also fitted with handle so the operator can use it the same as tank with bucket pump. The handle lever can readily be

shifted from one shoulder to the other at will. Price: Pump and galvanized tank, fitted with 5½ feet of ½ inch hose, stop cock, pipe extension, and nozzle which can be graduated from a fine mist spray to a solid stream.....\$12.75

## INSECTICIDES and FUNGICIDES

(Directions for using inclosed with or on wrapper of each carton)

### TWO EFFECTIVE POWDERS

#### ARSENATE OF LEAD POWDER.

A chemically accurate combination of Arsenic which is the poisoning agent, and Lead which serves to hold the poison upon the foliage and also counteracts possible damage to the leaf itself. An efficient destroyer of all leaf-eating insects which attack either fruit or shade trees, shrubs, flowers or vegetables. Mixes readily with water, and sticks; kills the bugs—and saves the leaf.

1 lb. cartons, 55 cts. each; postpaid, 75 cts. each.  
5 lb. cartons, \$2.60 each; postpaid, \$3.30 each.

#### BORDO POWDER.

A highly efficient "Vitrio" form of Bordeaux Mixture; non-poisonous, but of great effectiveness when applied against fungus of all kinds.

1 lb. cartons, 35 cts. each; postpaid, 55 cts. each.  
5 lb. cartons, \$1.50 each; postpaid, \$2.20 each.

### TOBACCO PRODUCTS

#### "NICO-FUME LIQUID."

A highly concentrated liquid Nicotine solution for fighting sucking insects, such as Thrip, Aphis and Spider. Used according to directions, in a fine spray and with as much force as possible, it makes a very effective and inexpensive insecticide. Being highly poisonous, it must be stored in a safe place away from children. Can be shipped in express or freight orders only, not mailable.

¼ lb. can. ....\$0.50 The proportion for spraying is one  
1 lb. " .....1.50 to two teaspoonfuls added to a gallon  
4 lb. " .....5.50 of water.

#### SULPHO-TOBACCO SOAP.

Useful for ridding house plants of bothersome insects. Especially efficient in removing scale from Palms and Ferns. Small cakes, enough to take care of the ordinary plant collection, by mail, postpaid, for 15 cts.

## CONVENIENT PLANT FERTILIZERS

#### "RED SNAPPER" PLANT FOOD.

This is a highly concentrated plant food made up scientifically to cover the needs of plant life, both out-of-doors and in window-garden and conservatory. It has been on the market some time; its advertisement has been nation wide, and is probably well known to most of our customers.



Easily applied, pleasant to use; and we are pleased to recommend it. Can be supplied in paper cartons containing about 5 lbs.

By express at 50 cts. per carton or by mail, postpaid, at 75 cts.

#### NITRACO.

A complete and highly concentrated plant food put up by one of the largest producers of commercial fertilizers. From the many brands on the market, we have selected Nitraco as being one of the safest and most effective all round food for amateur use, both for pot plants and garden. Put up in neat containers with full directions for its use.

1 lb. cartons, 30 cts.; postpaid for 50 cts.  
5 lb. cartons, 85 cts.; postpaid, \$1.55 each.

#### STEAMED GROUND BONE.

Always useful in garden and lawn work. We have arranged for an especially good grade put up in 5 lb. and 10 lb. lots. This is best applied mixed with three to four times its bulk of ordinary soil, to permit even distribution. Must be sent by express.

5 lb. tin, 75 cts.; 10 lb. bag, \$1.25.



With the buyer's interest at heart we have shunned all worthless and undesirable sorts and offer only thoroughbred varieties which possess individual merit and are easily grown by anyone. These we offer in the succeeding pages accurately classified as to hardiness and duration. To further guide the planter and make the results of his efforts more certain, clear and concise cultural directions are printed on each packet of seed.

Flowers are usually known as **Annuals**, **Biennials** and **Perennials**.

**Annuals** bloom and ripen seed the first year and then perish.

**Biennials** do not generally bloom the first year and are in perfection the second year only.

**Perennials** flower several years in succession, many blooming the first year from seed sown early, and are used for permanent plantings.

**Hardy Perennials** and **Biennials** may be sown either in early Fall or Spring and require no protection through the Winter. **Hardy Annuals** may be sown either in late Fall or Spring.

**Half Hardy Annuals**, **Biennials** and **Perennials** can not be sown in open ground until warm weather; they may if desired be started early inside and transplanted afterwards. The latter two need protection in Winter or may be carried through in cold frames or greenhouses.

We are often asked to name the various Flowers suitable for cutting and to answer this query we have designated all such sorts with this character ☉.

## FLOWER SEED COLLECTIONS

Before the opening of the shipping season, we put up great quantities of the collections named below.

The varieties cannot be changed from the ones named for the above reason.

These contain the very best seeds and of the varieties that invariably give the greatest satisfaction; they aid in making the flower garden a success for the reason that they are all proven kinds.

### 20 PKTS. BEAUTIFUL, FREE FLOWERING, EASILY GROWN ANNUALS

Coll.

C

Asters, Choice Mixed.

Alyssum, Sweet.

Antirrhinum, Giant Mixed.

Bachelor's Button, Mixed.

Balsam, Double Camellia Flowered, Mixed.

Cosmos, Mixed.

Larkspur, Mixed.

Morning Glory, Choicest Mixed.

Marigold, Mixed.

Pinks, Double Choice Mixed.

Mignonette, Large Flowered.

Nasturtium, Tall, Finest Mixed.

Nasturtium, Dwarf, Finest Mixed.

Pansies, Mixed.

Poppy, Annuals Mixed, Double.

Petunia, Finest Striped and Blotched.

Phlox, Grandiflora, Fine Mixed.

Sweet Peas, Mammoth Flowered,

Mixed.

Verbena, Extra Choice Mixed.

Zinnia, Fine Mixed.

POSTPAID  
FOR

50  
CENTS

### OUR "LITTLE FOLKS" COLLECTION OF FLOWER SEEDS

ONE  
PACKET  
OF  
EACH

All children love flowers and take great pleasure in having their own plot of ground to work. We have selected this collection of easily grown annuals especially for the children. Each packet is full sized and contains a generous amount of seed.

Asters, choice mixed.

Candytuft, mixed.

Phlox, mixed.

Sweet Peas, Mammoth, mixed.

Dwarf Nasturtium, choice mixed.

Double China Pinks.

Mignonette, large flowered.

Poppy Double, mixed Paony flowered

Zinnias, Double, mixed.

Petunia, fine mixed.

POSTPAID  
FOR

25  
CENTS



## ABUTILON (Flowering Maple)

Desirable plants for the house in winter and effective specimens for the lawn in summer. They will bloom the first year if sown early. Half hardy perennial,  $1\frac{1}{2}$  to 3 feet. Mixed colors. Pkt. 10 cts.

## AGERATUM

As an addition to the flower garden's color forces in blue, the Ageratum is a valuable flower. The dwarf sort being particularly desirable for borders, edging, etc., being very compact and erect. Half hardy annual.

**Mexicanum Mixed.** Blue and white. 2 ft. Pkt. 5 cts.

**Tom Thumb.** Dwarf blue, distinct variety, desirable for edging.  $\frac{1}{2}$  ft. Pkt. 5 cts.

## ALYSSUM

For borders, edging, rockeries and cutting, this dainty little flower has no superior in its color. For borders sow thickly; for winter bloom sow in August and transplant to pots.

**Little Gem.** Plants only three to four inches high. A large mass of white, sweet-scented flowers; fine for bordering; hardy annual. Pkt. 5 cts.,  $\frac{1}{4}$  oz. 20 cts.

**Sweet.** Fragrant white hardy annual.  $\frac{1}{2}$  ft. Pkt. 5 cts.,  $\frac{1}{4}$  oz. 10 cts., oz. 25 cts.

## AMARANTHUS

**Tricolor. (Joseph's Coat.)** Beautiful foliated plants, growing three to five feet high. They are useful as borders for taller growing plants or for the centers of large beds. Should be grown in warm sunny situations and given plenty of room to develop. The ornamental leaves are red, yellow and green. Pkt. 5 cts.

## ANEMONE

The Anemone or Wind-flower is one of our choicest autumn flowers and are at perfection when most other flowers have ceased blooming. Hardy perennials, easily grown from seed, blooming the first year if sown early. Produces large double flowers in mixed colors. Pkt. 5 cts.

## ANTIRRHINUM (Snap Dragon)

They have dark and glossy leaves and curiously shaped flowers with finely marked throats. They bloom the first season from seed sown in the spring, but the blossoms will be much stronger the second year. Succeeds best in dry loamy soil. Half-hardy perennial.

**Large Flowered.** This class grows about two feet high with larger flowers than the old sorts.

**Pink.** Pkt. 5 cts.

**Firefly.** Scarlet. Pkt. 5 cts.

**Striatum.** Striped Varieties. Pkt. 5 cts.

**White.** Pkt. 5 cts.

**Yellow.** Pkt. 5 cts.

**Delila.** Carmine and Yellow, white throat. Pkt. 5 cts.

**Tom Thumb.** Choice Mixed, 8 inches. Pkt. 5 cts.

**Choice Mixed.** Pkt. 5 cts.

**Purple King.** This is the forerunner of a race of new and distinct Snap-dragons. Flowers more than twice the size of the ordinary Antirrhinum. Only the one color as yet, but do not fail to include it in your order. Pkt. 10 cts.



Ageratum Tom Thumb

## ASTERS ©

One of the most popular and useful of all our annuals. For early flowers the seed may be sown in the house or greenhouse in March or April, and transplanted in the open ground in May. However, as the Aster is a fall flower, and the late blossoms are the finest, it is best to sow the seed in the bed thinly early in May and transplant. Half hardy annuals.

**Admiration.** This wonderful Aster introduced by us a few years ago continues to increase in favor and is our most popular variety. It is a strong robust grower doing well under all conditions and exceeds the Aster-mum in size of both plants and flowers. Densely double flowers of a bright clear pink carried on long straight stems. Centers are entirely covered. Makes the finest kind of a cut-flower. Pkt. 15 cts., 2 pkts. for 25 cts.

### BRANCHING

A useful class of Asters for bedding and beautiful for cut flowers. The flowers are very large and double with long, strong stems for cutting. The colors which we offer separately and in mixture are very clear and handsome.

**Light Pink.** Pkt. 10 cts.

**Lavender Pink.** Pkt. 10 cts.

**Lavender.** Pkt. 10 cts.

**Dark Red.** Pkt. 10 cts.

**Purple.** Pkt. 10 cts.

**White.** Pkt. 10 cts.

**Mixed.** Pkt. 10 cts.,

$\frac{1}{8}$  oz. 20 cts.

Any three packets of above for 25 cts.



Lady Roosevelt



Admiration

### LADY ROOSEVELT

One of the finest of recent introduction; perfect in shape; color a magnificent rose-pink; long strong stems and for cutting has no superior. Our seed comes from selected stock and is of first quality. Midseason. Pkt. 15 cts., 2 for 25 cts.

### LAVENDER GEM

A true lavender of splendid shape, borne on long strong stems, very early, of Comet type and an ideal cutting variety. Pkt. 10 cts.

## THE MIKADO ASTERS

These Asters are among the largest and most showy of all Asters. Petals narrow, very long and gracefully reflexed, the outer ones showing to their full extent, while those in the center bend and curl across each other so as to give the entire flower an attractive fluffy appearance. The flowers grow to gigantic size, averaging six inches in diameter when grown under good cultivation.

**Lavender.** A delicate shade of lavender. Large immense flowers produced upon exceptionally long stems. One of the best for cut flowers. Pkt. 10 cts., 3 pkts. for 25 cts.

**Pink or Rochester.** An exquisite shade of shell pink, resembling the Enchantress Carnation. Pkt. 10 cts., 3 pkts. 25 cts.

**White.** Identical with the above except in color which is a pure white. Pkt. 10 cts., 3 pkts. 25 cts.

**Mixed.** Mixture of above colors. Pkt. 10 cts.,  $\frac{1}{8}$  oz. 25 cts.



The Mikado Aster

**Crego White**

**Crimson.** Pkt. 10 cts.  
**Dark Blue.** Pkt. 10 cts.

**Light Blue.** Pkt. 10 cts.  
**Light Pink.** Pkt. 10 cts.

**Pure White.** Pkt. 10 cts.  
**Mixed.** Pkt. 10 cts.,  $\frac{1}{8}$  oz. 25 cts.

## THE CREGO ASTERS

The very best late flowering Asters in existence; enormous flowers of the Chrysanthemum type, borne on good stems.

**Crego White.** Clear glistening white. Pkt. 10 cts.

**Crego Shell Pink.** A clear pink. Pkt. 10 cts.

**Crego Lavender.** A splendid lavender. Pkt. 10 cts.

**Crego Purple.** Clear dark purple. Pkt. 10 cts.

**Any three packets of above for 25 cts.**

**Crego Mixed.** (All Colors.) Pkt. 10 cts.,  $\frac{1}{8}$  oz. 25 cts.

## ATTRACTION MIXTURE

This Aster resembles very much the Giant Flowered Japanese Chrysanthemum. The large attractive flowers have beautifully curled and twisted petals. Stems are long and stiff, excelent for cutting. A mid-season variety, **Choice Mixed.** Pkt. 10 cts.,  $\frac{1}{8}$  oz. 25 cts.

## KING TYPE

**Crimson King.** This is one of the choicest of the King Asters. A true crimson of this desirable type. Pkt. 15 cts.

**Lavender King.** Identical with above, except in color; very desirable for cutting. Pkt. 15 cts.

**Rose King.** An enormous quilled Aster, reaching a diameter of four and five inches under very ordinary cultivation. Pkt. 15 cts.

## QUEEN OF THE MARKET

The earliest of all the Asters. Grows about 12 inches high and very branching; the flowers are on long stems, making it valuable for cutting.

**Snowdrift.** Pure white.  
 Pkt. 5 cts.

**Light Blue.** Pkt. 5 cts.

**Dark Blue.** Pkt. 5 cts.

**Crimson.** Pkt. 5 cts.  
**Pink.** Pkt. 5 cts.

**Mixed.**  $\frac{1}{8}$  oz. 15 cts.  
 Pkt. 5 cts.

## GIANT COMET

The Giant Comet Aster is well known for its striking appearance, resembling the Japanese Chrysanthemums; they have not only twisted, curled and crested forms, but large and showy flowers. (See inside cover for colored illustration.)  $1\frac{1}{2}$  feet.

**Crimson.** Pkt. 10 cts.  
**Dark Blue.** Pkt. 10 cts.

**Light Blue.** Pkt. 10 cts.  
**Light Pink.** Pkt. 10 cts.

**Pure White.** Pkt. 10 cts.  
**Mixed.** Pkt. 10 cts.,  $\frac{1}{8}$  oz. 25 cts.

## VARIEGATED ASTER ROYAL STRIPE

No color combination more beautiful can be imagined than is found in this Aster. A broad band of violet blue runs through the entire length of the center of each petal, with distinct margins of pure white. It is of the Giant Comet type, with extremely large flowers. The distinct striping, as well as the curled and twisted form of many of its petals, is clearly shown in our illustration. Its habit, together with its attractive flowers, cannot fail to make it popular for cut flowers, as well as a magnificent variety for bedding.  $1\frac{1}{2}$  to 2 feet. Pkt. 15 cts. Two pkts. for 25 cts.

## TRUFFAUT'S PAEONY FLOWERED PERFECTION

A magnificent globe shaped Aster, too well known to need any description. One of the best for bedding. One and one-half feet.

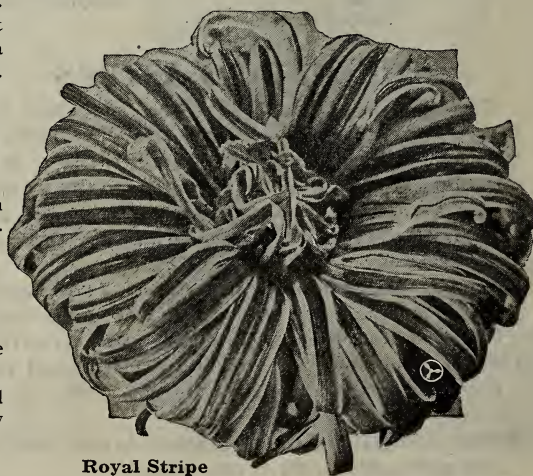
**Mixed.** Many choice colors. Pkt. 5 cts.,  $\frac{1}{8}$  oz. 20 cts.

## TALL CLASSES

**Choice Mixed.** A mixture comprising all the choice tall growing sorts. Pkt. 5 cts.,  $\frac{1}{4}$  oz. 20 cts.

**Victoria.** A beautiful class. Flowers very large and perfectly double, of globular shape. Plants grow in fine pyramidal form about 18 inches high.

**All colors Mixed.** Pkt. 10 cts.,  $\frac{1}{8}$  oz. 20 cts.

**Royal Stripe**

## AQUILEGIA (Columbine)

Hardy perennials that bloom freely during spring and early summer. They should be more widely cultivated, as they are perfectly hardy.

**Chrysantha.** Long yellow spurred flowers. Pkt. 5 cts.

**Cerulea.** Sepals blue, petals white. Pkt. 5 cts.

**Double White.** Large full double flowers. Pkt. 5 cts.

**Mixed Double.** Best colors. Pkt. 5 cts.

## BACHELORS BUTTON

These grand old-fashioned flowers make magnificent borders and grow to perfection in almost any good garden soil. Hardy annual.

**Single Mixed.** Pkt. 5 cts. **Double Mixed.** Pkt. 5 cts.

**Double Blue.** Excellent for cut-flowers. Pkt. 5 cts.

## BALSAM

### (Impatiens Balsamina)

Balsams are tropical plants, consequently thrive in hot weather, if planted in good soil and well watered. They grow up quickly and surely, from seed in the open during May. If wanted early sow in-doors and transplant. This has a tendency to dwarf the plants, making them more satisfactory. Tender annuals.

**White Perfection.** This is the very finest of white Balsams; very popular with florists. Pkt. 5 cts.

**Camellia Flowered Scarlet.** Pkt. 5 cts.

**Giant Camellia Flowered Mixed.** Enormous flowers comprising all the colors. Pkt. 5 cts.

## CALENDULA

Hardy annuals about one foot high, that produce a wonderful profusion of flowers, ranging in color from ivory to orange. Valuable for bed and borders. Bloom until late fall.

**Choicest Mixed.** All colors. Pkt. 5 cts.

**Orange King.** Large double flowers of a dark orange-red color. Pkt. 5 cts.

## CANDYTUFT (Iberis)

Seed sown in autumn produces flowers in early spring; when sown in April, flowers from July to September, and some of the sorts till frost comes. Hardy annual, one foot.

**Little Prince.** Flowers large, plant six inches high. Makes a fine border plant. Pkt. 5 cts., oz. 30 cts.

**Empress or Snow Queen.** A complete mass of large snow white flowers. Pkt. 5 cts., oz. 25 cts.

**Crimson.** A fine large flowered bright crimson. Pkt. 5 cts.

**Lavender.** True lavender, very fine. Pkt. 5 cts.

**Rocket.** Long spikes of white, excellent for cutting. Pkt. 5 cts., oz. 25 cts.

**Fine Mixed.** Pkt. 5 cts., oz. 20 cts.

**Perennial.** Hardy evergreen, white. Pkt. 10 cts.

## CAMPANULA

### (Hare Bell, Canterbury Bell, Cup and Saucer)

These grand old flowers are of easiest culture, and one of the most attractive hardy perennials. The variety *Carpatica* being the common Hare Bell, while the variety *Media* is the well known Canterbury Bell. *Calycanthemum* is known as the cup and saucer. Sow seed in the open the last of June or first of July and transplant. They will bloom the following spring if protected over winter.

**Carpatica Mixed.** (Hare Bell.) Blue and White. Very free flowering variety. Pkt. 5 cts.

**Calycanthemum.** Blue, Rose, White. Mixed. Each 10 cts. pkt.

**Media Single Mixed.** Single Canterbury Bells. Hardy biennials. Pkt. 5 cts.

**Media Double Mixed.** Double Canterbury Bells. Hardy biennial. Pkt. 5 cts.



Bachelors Button



"Cup and Saucer"  
Canterbury  
Bells

**New Cardinal Climber****CALLIOPSIS or COREOPSIS** ☉

One of the leading plants for the flower garden, making a very showy border plant, producing flowers in nearly every shade of yellow, orange, crimson, red and brown. Sow where they are to remain, and thin to one foot apart.

**Lanceolata Grandiflora.** Beautiful hardy perennial; grows 15 to 18 inches high and produces its golden yellow flowers in great profusion. Pkt. 5 cts.

**Golden Wave.** Bushy plants, with bright golden flowers, two inches across, each distinctly marked with dark brown center. Hardy annual. Pkt. 5 cts.

**Finest Mixed.** Hardy annual. Pkt. 5 cts.

**CANARY BIRD FLOWER**

A rapid growing summer climber, with finely cut foliage and yellow flowers. Tender annual. Pkt. 5 cts.

**CANNAS**

We are large producers of Cannas. Our collection embraces all the new and standard sorts and is unsurpassed. The Canna seed we offer is our own saving from these finest named varieties, and while each variety does not come true from seed, our mixture embraces every color. These beautiful ever-blooming Cannas bloom freely the first year from seed.

Soak the seed in hot water 12 to 24 hours before sowing. Sown in February or March will make flowering plants by July.

**Dark Leaved Varieties, Mixed.** Pkt. 5 cts., oz. 20 cts.

**Green Leaved Varieties, Mixed.** Pkt. 5 cts., oz. 20 cts.

**Extra Choice Mixed.** Dark and green leaved. Pkt. 5 cts., oz. 20 cts.

For the Roots see Plant Department of this Catalogue.

**CARDINAL CLIMBER**

A splendid new climber that has created a sensation wherever grown. Climbs to a height of 20 to 30 feet and is covered with beautiful red blossoms shaped like the Morning Glory. Leaves are deeply lacinated and are in themselves very decorative. We believe that everyone will be more than pleased with the Cardinal Climber. Pkt. 10 cts., 3 pkts. 25 cts.

**CARNATION** ☉

The Carnation has always been one of the most esteemed of the florists' collection. Sow under glass in greenhouse or hot bed, and when of sufficient size transplant one foot apart each way. Half hardy perennial, one and one-half feet.

**Extra Choice Double Mixed.** A large portion of this seed will produce double flowers. Pkt. 20 cts. **Double Mixed.** All shades and colors. Pkt. 10 cts.

**Marguerite.** With ordinary care will be in full bloom in four months after sowing the seed, flowering in profusion until checked by frost. The flowers range through many shades.

**Mixed.** ½ oz. 20 cts., pkt. 5 cts.

**CELOSIA (or Coxcomb)**

Free blooming, graceful plants, growing best in rather light soil, not too rich; grown in pots they are fine for the greenhouse or conservatory. Half hardy annuals.

**Dwarf Coxcomb.** (Cristata Nana.) Low growing plants with showy combs. Choice mixed. Pkt. 5 cts.

**All-a-Glow.** Dwarf, bright scarlet combs. Pkt. 5 cts.

**Chinese Wool Flower.** This recent novelty is the most curious as well as the most showy of all Celosias. The round globular flowers, appearing like large balls of bright red wool, start blooming in July and continue until cut down by frost. The flowers do not fade but increase in size and brilliancy throughout the season. They are excellent for bedding or are fine when grown as specimen plants. Height of plant, 2 to 3 feet. Pkt. 10 cts.

**Glasgow Prize.** Dwarf, crimson combs. Pkt. 5 cts.

**Empress.** Semi-dwarf variety, with dark foliage and crimson combs. Pkt. 5 cts.

**Ostrich Feather.** (Celosia Plumosa.) A beautiful feathered Celosia, producing large, bright, crimson and orange plumes. A packet of each with the taller for the center and the dwarf for the outer edge would make a beautiful bed.

**Tall.** Mixed. 3 feet. Pkt. 5 cts. **Dwarf.** Mixed. 1½ feet. Pkt. 5 cts.

**Castle Gould.** A distinct type of Celosia Plumosa. The plants are literally clothed from base to summit with immense feathered heads. Pyramidal growth, two to three feet high; especially suited for pot culture, the profusion of long continued bloom being remarkable. The colors are blood red, carmine yellow, golden orange, scarlet and wine red. **Mixed.** Pkt. 10 cts.



**Dwarf Coxcomb**

## CENTAUREA

**Gymnocarpa.** (Dusty Miller.) An ornamental leaved plant, forming a round bush of silvery fern-like leaves; a fine contrast with dark foliage plants. Half-hardy perennials. 1½ feet. Pkt. 5 cts.

**Imperialis.** ☉ **All Colors.** (Giant Sweet Sultan.) The bushes are covered with large, sweet-scented flowers. Will keep for over a week in water, if cut just when they are about to open. Hardy annual. 2 feet.

**Mixed.** Pkt. 5 cts.

## CHRYSANTHEMUMS ☉

The annual Chrysanthemums are distinct from the autumn flowering varieties, blooming all summer and making a gorgeous display in the flower garden and for pot culture.

**Annual Double White Snowball.** A magnificent variety growing about 18 inches high and blooming continuously throughout the summer. They are covered with clusters of double pure white flowers of a beautiful fringed appearance. Will last a week or two after being cut. Pkt. 5 cts.

**Annual Double and Single Mixed.** Beautiful double and single types in a wide range of colors. Pkt. 5 cts.

## CINERARIA

A beautiful class of plants for spring decoration of the window or conservatory; may also be planted out in summer. They grow from 12 to 18 inches high, and are completely

covered with a mass of flowers, two and three inches across, of the richest colors, in white, blue, violet and crimson shades. Seed may be sown from May to September for succession. Greenhouse perennial.

**Grandiflora.** (Large flowered.) **Mixed.** Pkt. 25 cts. **Choice Mixed.** Pkt. 10 cts.

## CLARKIA ☉

**Elegans Double Mixed.** This pretty easily grown annual is worthy of a place in every garden. They are not particular as to location but thrive equally as well in partial shade as in a sunny situation. Excellent plants for borders, hanging baskets or vases. Pkt. 5 cts.

## CLEOME

**Pungens.** (Giant Spider Flower.) This highly ornamental plant grows to a height of from 3 to 3½ feet,

branching freely. Each branch is surmounted by large panicles of curiously shaped pink flowers. Blooms continuously from early summer until frost. Excellent for the annual border. Half hardy annual. Pkt. 5 cts.

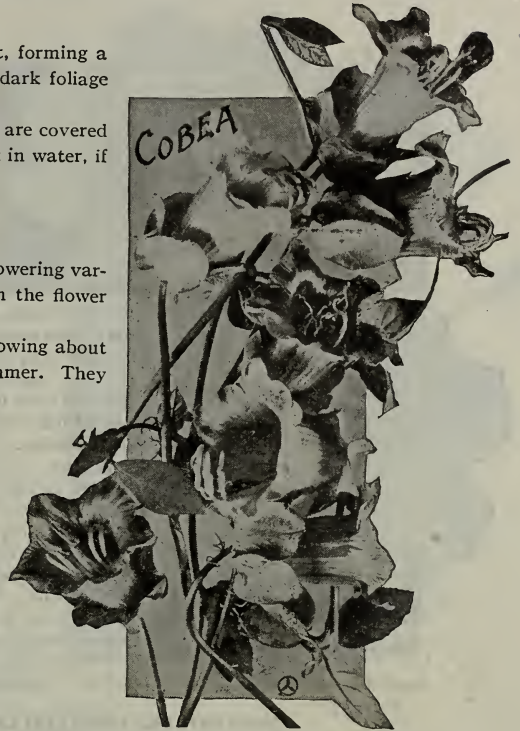
## COBEA

**Scandens.** A fine rapid growing climber, with handsome foliage and large bell-shaped flowers; green at first but rapidly changing to purple. Seeds should be started in hot bed or rather dry soil, as they are apt to rot in open ground. One of the best climbers for arbors, etc. Tender perennial, 20 feet. Pkt. 10 cts.

## COLEUS

A beautiful class of well known and popular decorative foliage plants. For bedding or pot culture.

**Choicest New Hybrids.** (Mixed.) Pkt. 15 cts.



Double White Snowball



Cleome Pungens

**COSMOS** ☉

An autumn flowering plant of rapid growth, making large bushes five feet high. For cut flowers it has no equal, its magnificent blossoms upon long graceful stems, and with the dainty foliage, keeping a long time in water.

**New Striped.** This is a distinct and charming new variety, having large white centers and petals deeply striped. Pkt. 10 cts.

**Early Flowering.** The Early Flowering strain blooms in August. It is a strong, vigorous grower with lovely flowers of white, pink and crimson, which are as large as those of the Giants. Mixed. Pkt. 5 cts.

**Early Flowering Pink.** A clear pink similar to Lady Lenox in the Giants, but of an early flowering type; one of the best. Pkt. 5 cts.

**Early Flowering Crimson.** Pkt. 5 cts. **Early Flowering White.** Pkt. 5 cts.

**Giant Fancy Cosmos.** These giant flowers are exceedingly beautiful. It is well to start the seeds of this class in the house early and transplant to open ground after hard frosts are past. Mixed. Pkt. 5 cts.  $\frac{1}{4}$  oz. 15 cts.


**Giant Pink.**  $\frac{1}{4}$  oz. 15 cts. Pkt. 5 cts. **Giant Red.**  $\frac{1}{4}$  oz. 15 cts. Pkt. 5 cts.

**Giant White.**  $\frac{1}{4}$  oz. 15 cts. Pkt. 5 cts.

**Klondyke.** Golden yellow; flowers borne on long stems measure from  $2\frac{1}{2}$  to  $3\frac{1}{2}$  inches across. Pkt. 10 cts.

**Lady Lenox.** One of the very finest, pale rosy-pink; magnificent for cutting. Extra large flowers. Pkt. 5 cts.

**White Lady Lenox.** The giant white of the Cosmos. Flowers pure white and nearly three times larger than the ordinary Cosmos. Robust grower attaining a height of six feet. Pkt. 5 cts.



**Giant Fancy Cosmos**

**Lady Lenox Mixed.** Mixture of two colors, pink and white. Pkt. 5 cts.,  $\frac{1}{4}$  oz. 15 cts.

**NEW DOUBLE CRESTED COSMOS**

These beautiful novelties are something entirely different from other Cosmos. The flowers are not fully double, but are double crested, having double centers and a row of petals around the base, which makes them very effective. Flowers are borne on strong stiff stems, fine for use as a cut flower. Very shy seeders.

**The Bride.** Very delicate pink. Pkt. 15 cts.

**White Lady.** Pure white, outer petals fringed. Exceedingly pretty. Pkt. 15 cts.

**CYCLAMEN**

Charming bulbous-rooted plants, with beautiful foliage and rich colored fragrant flowers. Tender perennials, six inch.

**Persicum Giganteum.** A great improvement over the old sorts. Mixed. Pkt. 25 cts.



**Crested Cosmos The Bride**

**CYPRESS VINE (Ipomea Quamoclit)**

Climber, with delicate dark green feathery foliage and abundance of bright star-shaped rose, scarlet and white blossoms. Tender annual; 15 feet. Mixed. Pkt. 5 cts.

**Ivy-leaved Scarlet.** The deeply lobed ivy-like leaves form a dense screen and great racemes of fiery scarlet flowers stand out in countless numbers. Pkt. 5 cts.

**DAHLIA** ☉ One of the best autumnal flowering plants. Half hardy perennial; three to four feet.

**Double Mixed.** Finest double flowers, including the new large flowered varieties. Pkt. 10 cts.

**Single Giant Perfection.** The flowers are large; many are marbled and striped. Mixed colors. Pkt. 10 cts.

**DAISY (Bellis Perennis)**

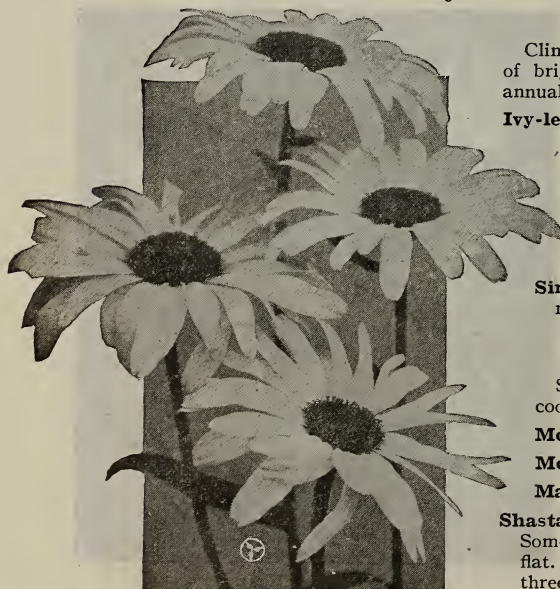
Sow seed early in hot bed or house and transplant to a rich, cool, partially shaded situation. Hardy perennial; six inches.

**Monstrosa Red.** Giant flowered red. Pkt. 5 cts.

**Monstrosa White.** Very large flowered. Pkt. 5 cts.

**Maxima Double Mixed.** Pkt. 5 cts.

**Shasta.** ☉ The pure white flowers are three to four inches in diameter. Some have long narrow twisted petals, while others are broad and flat. They bloom the entire season. Hardy perennial; two to three feet. Pkt. 10 cts.



**Shasta Daisy**

**DATURA (Angels Trumpet)**

Showy, large branching plants, growing three to five feet high, bearing trumpet-shaped flowers six inches in length.

**Double Mixed.** Pkt. 5 cts.

**DIMORPHOTHECA**

**Aurantiaca.** We are indebted to South Africa, for this beautiful profusely flowering annual. Plants grow from 12 to 15 inches high, with rich, orange-gold flowers from  $2\frac{1}{2}$  to  $2\frac{3}{4}$  inches in diameter. Plants from seed sown early will start blooming in early summer, continuing into the fall. Makes a fine bedding plant. Pkt. 10 cts.

**ESCHOLTZIA or CALIFORNIA POPPY**

These beautiful little flowers are California's State flower, hence the name. Produce beautiful effects either as border plants or in masses. Hardy annuals.

**Mandarin.** A beautiful orange. Pkt. 5 cts.

**Rosy Morn.** Delicate frilled flower of beautiful primrose yellow hue. Pkt. 5 cts.

**Golden West.** The flowers have large overlapping petals. The color is shining yellow with an orange blotch. Pkt. 5 cts.

**Crimson.** A clear glistening crimson. Very fine. Pkt. 5 cts.

**Alba.** White, of a clear shade, is very rare in this flower. This is a clear satiny white. Pkt. 5 cts.

**Mixture** of above varieties. Pkt. 5 cts.

**BUSH ESCHOLTZIA or HUNNEMANNIA**

A beautiful bushy plant, two feet high, with large cup-shaped flowers on long stems. The color is bright yellow. They keep in water for two weeks. Hardy annual. Pkt. 5 cts.

**EUPHORBIA**

Strong growing annuals, suitable for beds or borders, with highly ornamental foliage.

**Hetrophylla.** (Mexican Fire-plant.) An annual resembling the Poinsetta in habit and color. Smooth glossy green leaves which mid-summer turn to a beautiful orange scarlet. 2 to 3 feet. Pkt. 10 cts.

**Variegata.** (Snow-on-the-Mountain.) An old garden favorite; foliage and flowers veined and margined white. 2 to 3 feet. Pkt. 5 cts.

**FEVERFEW (Double White)**

A bushy plant, bearing a profusion of double white Daisy-like flowers. Hardy annual. Pkt. 5 cts.

**FORGET-ME-NOT (Myosotis)**

Flourishes in a moist shady situation, and is in constant bloom nearly the whole season. If the seed is sown in autumn it will flower in early spring. Hardy, perennial; one-half foot.

**Palustris.** Blue flowers, with white and yellow eyes. Pkt. 5 cts.

**Dissitiflora.** Large sky-blue flowers very early, free blooming. Pkt. 5 cts.

**Victoria.** Dwarf, bushy habit, covered with large blue and white flowers. Mixed. Pkt. 5 cts.

**Ruth Fisher.** The largest and finest Forget-Me-Not; flowers measure from  $\frac{3}{8}$  to  $\frac{1}{2}$  inch across and are of a lovely sky-blue; of great value for forcing, pot culture or spring bedding. Pkt. 5 cts.

**FOUR O'CLOCK (Marvel of Peru)**

A handsome, free-flowering half-hardy perennial; blooming the first season from seed; the flowers, which are produced in clusters, open in the afternoon and wither the next morning. They can be kept like Dahlias. Our mixture contains a fine variety of colors. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 50 cts.

**FOXGLOVE (Digitalis)**

One of the most widely known and popular hardy plants. Its ease of cultivation, the mammoth spikes of splendidly colored flowers make them very desirable for use in borders or as backgrounds for lower growing plants. Spikes grow to a height of three to five feet. Hardy biennials.

**Finest Mixed Gloxinoides.** Pkt. 5 cts.

**Canariensis.** Rich canary yellow. Pkt. 5 cts.



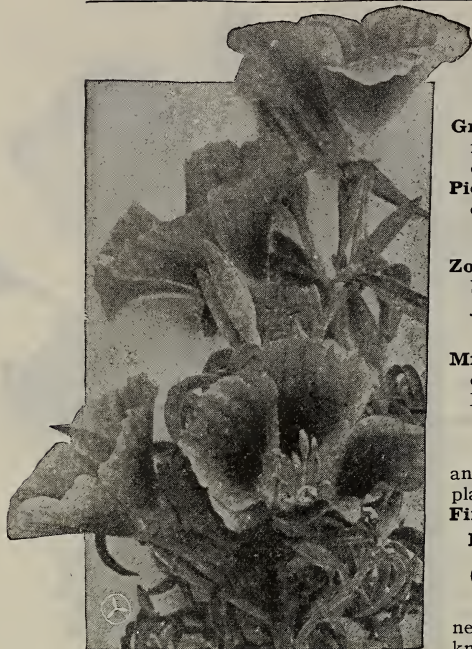
Escholtzia



Foxglove



Euphorbia Variegata



Godetia

open flowers produce a magnificent effect in masses or borders covering a wide range of colors. Easy to grow from seed and produce in shaded places good flowers where so few flowers can be grown. Hardy annuals. **Finest Mixed.** All colors. Pkt. 5 cts.

## GOMPHRENA

**Globosa.** (Globe Amaranth.) The true Bachelor Button. Low, bushy plants bearing clover like blossoms of crimson, pink and white. Makes an excellent border plant, also good for pot culture. The flowers are everlasting if cut as soon as fully open.

**Fine Mixed.** Pkt. 5 cts.

## GOURDS

A tribe of climbers with curiously shaped fruits, which are a delight to the children and may be used in many practical ways. Tender annual climbers. 10 to 20 ft.

**Apple Shaped.** Pkt. 5 cts.

**Calabash.** The pipe gourd. Pkt. 5 cts.

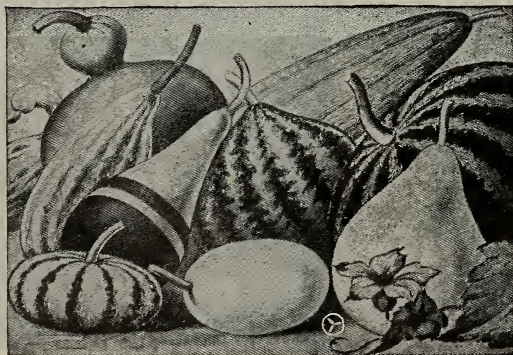
**Chinese Sponge or Dish Rag.** Pkt. 5 cts.

**Dipper.** Pkt. 5 cts.

**Egg Shaped.** Pkt. 5 cts.

**Large Ornamental Mixed.** Pkt. 5 cts.

**Small Ornamental Mixed.** Pkt. 5 cts.



Gourds

## GAILLARDIA

A showy and useful class of plants, flowering freely from early summer until frost. They are effective when grown in masses, and are particularly adapted for vases, lasting a long time after being cut.

**Grandiflora.** Hardy perennial, blooming first season, with large flowers, dark crimson centers marked with rings of many brilliant colors. Mixed. Pkt. 5 cts.

**Picta Mixed.** A fine mixture of double annual flowering sorts that are charming. Pkt. 5 cts.

## GERANIUM

**Zonale Mixed.** A fine mixture of the largest and best varieties. Should be started early indoors and transplanted to the outside in May or June. Pkt. 15 cts.

## GEUM

**Mrs. Bradshaw.** Beautiful hardy perennial flowers, very double dark crimson. Blooms continuously all summer, fine for use in bouquets. Pkt. 10 cts.

## GLADIOLUS

Sow seed in open ground as soon as warm in spring; take up in fall and preserve from frost. Keep dry like potatoes, and plant in spring. Will bloom second or third season.

**Finest Mixed.** From choice named varieties. Pkt. 5 cts.

**For Bulbs see Plant Department of this Catalogue.**

## GODETIA

Godetias are not nearly well enough known and planted in America. Their beautiful, satiny,



Helichrysum

## GYPSOPHILA (Baby's Breath)

Delicate free-flowering little plants, covered with a profusion of star-shaped blossoms. Well adapted for hanging baskets and edgings, valuable for making bouquets. Annual.

**Elegans.** Mixed, white and pink. Pkt. 5 cts.

**Paniculata.** Almost identical with above, except that it is perfectly hardy. Pkt. 5 cts.

## HELICHRYSUM

Large, double, "Everlasting Flowers." Handsome bouquets may be formed of them for winter, if gathered before opening. Hardy annual. 1½ to 2 feet. Mixed. Pkt. 5 cts.

## HELIOTROPE

Highly valued for the fragrance of their flowers and duration of bloom. Grown from seed, blooming first summer if sown early.

Tender perennial, one foot. Easily

**Lemoine's Giant Hybrid.** Choice mixed. Pkt. 10 cts. **Fine Mixed.** Pkt. 5 cts.

## HIBISCUS

**Crimson Eye.** Large pure white flowers, with a crimson center. It is perfectly hardy, blooming the first year from seed sown in the open ground if sown early. Pkt. 5 cts.

**Moscheutos.** Rose mallow, large pink flowers with dark maroon eye. Pkt. 5 cts.

## HOLLYHOCK

One of our grandest summer and autumn flowering plants. Sow the seed in June or July in open ground, transplant to three feet apart. Hardy perennials.

**Double White.** Pkt. 10 cts. **Yellow.** Pkt. 10 cts.

**Double Pink.** Pkt. 10 cts. **Red.** Pkt. 10 cts.

**Double Maroon.** Pkt. 10 cts. **Mixed.** Pkt. 5 cts.

**Black.** Pkt. 10 cts.

**Everblooming Hollyhocks.** These Hollyhocks bloom the first season. Sow in the open ground as soon as the soil is in proper condition.

**Choice Mixed.** Pkt. 10 cts.

**Mammoth Fringed Hollyhock.** (Allegheny.) The flowers are from four to six inches across, single and semi-double, finely fringed and curled. Will bloom the first season if sown early. **Choice Mixed.** Pkt. 10 cts.

## HONESTY ☉ (Moonwort)

**Lunaria Mixed.** Hardy biennials grown chiefly for their peculiar silvery seed pouches, which are used in winter bouquets. Height 2 feet. Pkt. 5 cts.

## HOP (Variegated Japanese)

The leaves are beautifully and distinctly marked with silvery white, yellowish white, and light and dark green. It retains this foliage until late in the autumn; climbing 20 feet. Pkt. 10 cts.

## HYACINTH BEAN

A rapid growing annual climber, about 10 feet high. They bloom freely in clusters, which are followed by ornamental seed pods. Sow seed in April or May. White and purple, mixed, pkt. 5 cts., ½ oz. 15 cts.

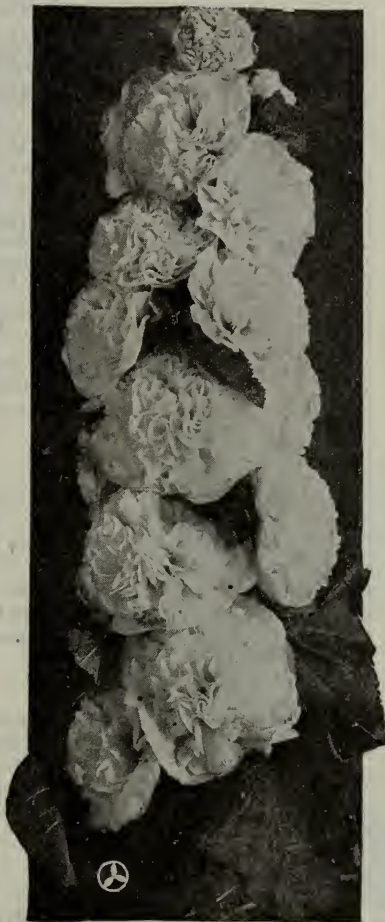
## ICE PLANT

(*Mesembryanthemum*)

Fine for baskets, rock work and vases. Leaves and stems appear as though covered with ice crystals. Tender trailer; six inches. Pkt. 5 cts.



**Ipomea Grandiflora**



**Double Hollyhocks**

## IRIS ☉

**Kaempferi. Mixed.** (Japanese Iris.) These are the most beautiful of all the flags, are easily grown from seed and should have a place in every garden. The seed we offer is saved from our collection of choice named varieties and will produce wonderful flowers. Pkt. 10 cts.

## IPOMEA

Tender annual climbers of rapid growth, with beautiful and varied flowers.

**Heavenly Blue.** Flowers four to five inches across, in large clusters. Color, a beautiful sky-blue. Pkt. 10 cts.

**Grandiflora.** (Moonflower.) One of the most showy of the annual climbers. A rapid growing vine, easily reaching a height of 25 to 30 feet. At night the plants are covered with large, pure white, fragrant flowers. Pkt. 10 cts., ¼ oz. 20 cts.

large, pure white, fragrant flowers. Pkt. 10 cts., ¼ oz. 20 cts.

**Setosa.** (Brazilian Morning Glory.) A summer climber, making a dense shade. Flower rose colored; three to four inches in diameter. Pkt. 5 cts.

## JOB'S TEARS

Ornamental grass with broad glistening leaves. The odd pearl like seeds are often strung and used as beads. Hardy annual. Pkt. 5 cts., oz. 20 cts.

## KOCHIA (Summer Cypress)

**Tricophylla.** An annual about three feet in height. Splendid for temporary Summer Hedges. Throughout the summer it is a lively green, but towards autumn turns to a bright red. It is of rounded form, with very fine foliage and stems. Pkt. 5 cts.



Delphinium

## LARKSPUR ☉ (Delphinium)

### ANNUAL LARKSPUR

The Annual Larkspur furnishes one of the best and most satisfactory blossoms in the whole range of annuals. Colors vary from white through blue, pink and red.

**Giant Hyacinth Flowered.** The plants grow three feet high with long spikes of giant flowers. Earliest flowering. Mixed colors. Pkt. 5 cts.

**Double Dwarf Rocket.** One foot, finest mixed. Pkt. 5 cts.

**Newport Scarlet.** This variety is one of the choicest of these old garden favorites. Makes an ideal flower for cutting. Pkt. 10 cts.

### PERENNIAL LARKSPUR

The Perennial Larkspurs or Delphiniums are the garden's strongest force in the various shades of blue and are easily grown from seed.

**Belladonna Hybrids.** A magnificent sort unrivalled for continuance of bloom, with large spikes of the most delicate turquoise blue. Fine for cutting. Pkt. 10 cts.

**Formosum.** Rich blue and white; three feet. Pkt. 10 cts.

**Formosum Coelestinum.** A beautiful azure blue flowered variety. Pkt. 10 cts.

**Choice Hybrids.** Mixed. Pkt. 5 cts.

## LOBELIA

A most excellent and useful genus of plants, easy of culture and well adapted for bedding, edging, pots or rockeries. Seed should be covered lightly.

**Crystal Palace Compacta.** Fine for bedding, compact, erect growth, deep blue. Annual. Pkt. 5 cts.

**Erinus Speciosa.** Of trailing habit, bright blue flowers; fine for baskets. Annual. Pkt. 5 cts.

**Mixed.** Trailing varieties. Annuals. Pkt. 5 cts.

## LUPINES ☉

**Annual Mixed.** Easily grown annuals, with long graceful spikes of pea-like flowers. Fine for beds or borders. Does well in partial shade. Pkt. 5 cts.

## LYCHNIS CHALCEDONICA



Marigold  
(Double African)

Handsome for beds and borders, of easy culture, growing in any rich garden soil, blooming the first year if sown early. Hardy perennials. Bright scarlet, two to three feet. Pkt. 5 cts.



Lychnis Chalcedonica

## MARIGOLD ☉

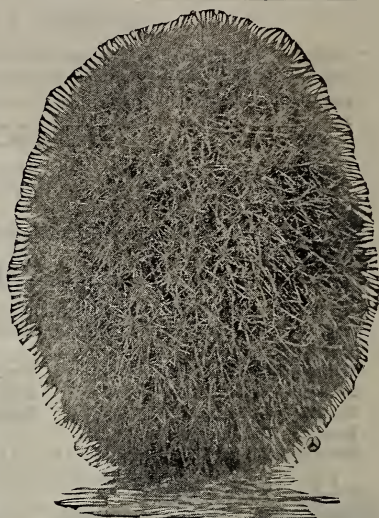
Old favorite of easy culture, with various colored beautiful double flowers and fine foliage; very effective for groups and masses. Hardy annuals.

**Double African Mixed.** Tall, mixed orange and yellow shades. 3 feet. Pkt. 5 cts.

**Double African Lemon.** Pkt. 5 cts.

**Double African Orange.** Pkt. 5 cts.

**Double and Single French.** 2 feet. Finely cut foliage. Dwarf; mixed colors. Pkt. 5 cts.



Kochia Tricophylla  
(Summer Cypress)

## MIGNONETTE ©

A delightfully fragrant, hardy annual, blooming the entire season in the flower border; also fine for pot culture during the winter and spring.

**Defiance.** This magnificent variety, when grown under favorable conditions, and with proper care, will produce spikes 12 to 15 inches long. Pkt. 5 cts.

**Goliath.** Immense large spikes, borne upon strong stiff stems. Color is bright red, very fragrant and fine for cutting. Pkt. 5 cts.

**Machet.** The plants are dwarf and vigorous, of pyramidal growth; with long spikes of sweet scented reddish green flowers. Pkt. 5 cts., ½ oz. 25 cts.

**Large Flowering.** The common Sweet Mignonette; an old garden favorite. Pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts.

## MOMORDICA

**Balsamina.** (Balsam Apple.) Annual climber, with yellow blossoms and beautiful foliage. The fruit when ripe bursts suddenly open, scattering its seed and showing a brilliant carmine interior. 10 feet. Pkt. 5 cts.

**Momordica Charantia.** This is the well known Balsam Pear, smaller than above and highly valued for its healing properties. Pkt. 5 cts.

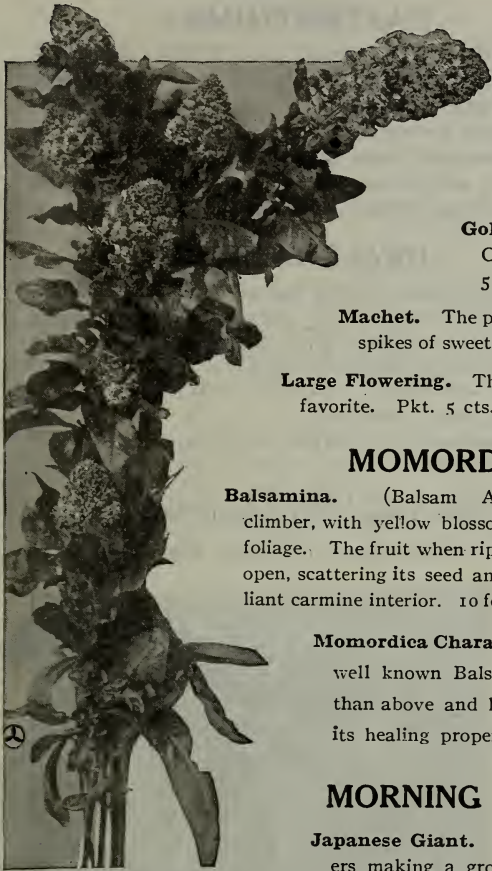
## MORNING GLORIES

**Japanese Giant.** A class of climbers making a growth of 20 to 30 feet quite early in the season. Their large flowers are striped, spotted and margined in all shades from white to the deepest red, blue and purple. Many are fluted and fringed. Sow the seeds early in a warm sunny place. Choice mixed. Pkt. 5 cts. Oz. 20 cts.

**Large Flowering Rochester.** Vines strong, growing 12 to 20 feet high, with magnificent foliage. Flowers 4 to 5 inches across, deep violet blue in the throat, blending out to an azure blue, bordered with a white band around the edge. Pkt. 5 cts. Oz. 20 cts.

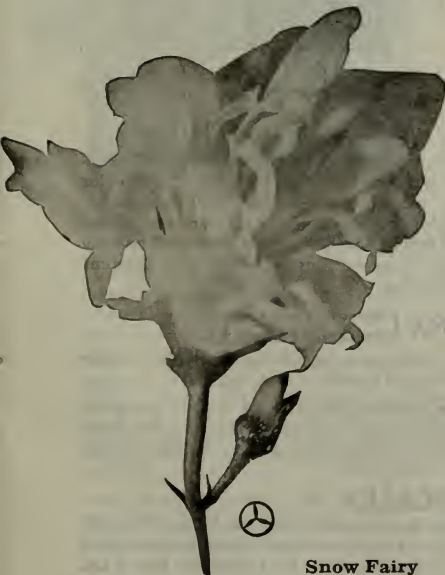
**Convolvus Major.** The well known old fashioned Morning Glories. Splendid climbing plants. Of rapid growth and profuse bloom. Pkt. 5 cts. Oz. 10 cts.

**Snow Fairy.** The vines are rapid growers, soon attaining a height of 12 to 18 feet, starts blooming quite early, continuing to flower in great profusion until cut down by frost. The delicate lacy form of the flower is hard to describe or to give justice to in a photograph. All through the summer the vines are literally covered with the glistening white blossoms which are perfectly double and present a striking appearance. Pkt. 10 cts.

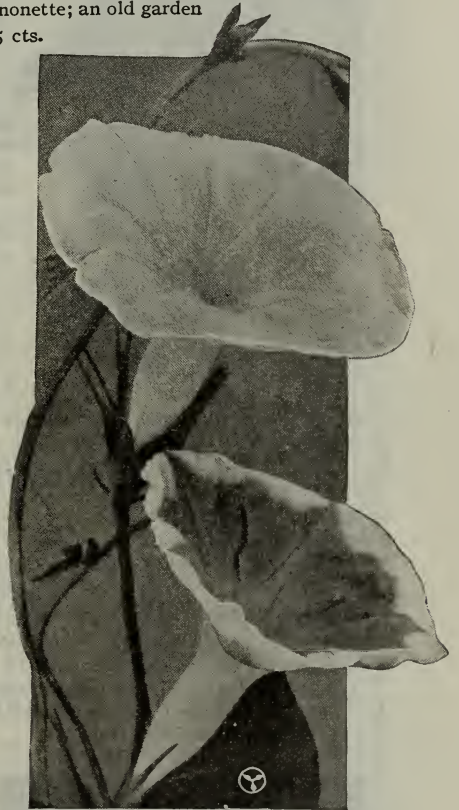


Mignonette

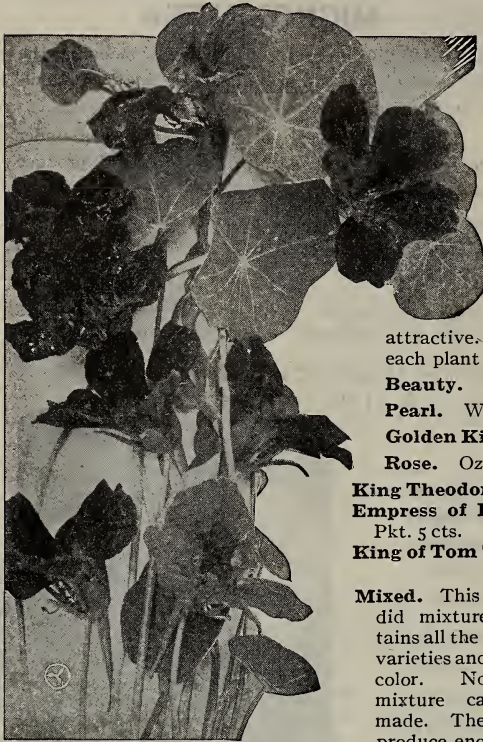
large flowers are striped, spotted and margined in all shades from white to the deepest red, blue and purple.



Snow Fairy



Japanese Giant

**Nasturtiums**

stems, in a wonderful variety of colors. Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts., lb. \$2.00.

### TALL OR CLIMBING VARIETIES

**Atropurpureum.** Crimson. Oz. 20 cts. Pkt. 5 cts.

**Coccineum.** Scarlet. Oz. 20 cts. Pkt. 5 cts.

**Jupiter.** Great, rich, yellow flowers, resembling Orchids in their beauty. Oz. 20 cts. Pkt. 5 cts.

**King Theodore.** Rich deep crimson; dark foliage. Oz. 20 cts. Pkt. 5 cts.

**Pearl.** White. Oz. 20 cts. Pkt. 5 cts.

**Vesuvius.** Salmon rose, dark foliage. Oz. 20 cts. Pkt. 5 cts.

**Mixed.** This is one of the finest mixtures of Climbing Nasturtiums on the market; it includes besides the various colors in this class the popular strains of Mad. Gunther Hybrids, Lobbs and Chameleon. Pkt. 5 cts., oz. 15 cts., ¼ lb. 50 cts., lb. \$1.50

**Nicotiana Affinis**

## NASTURTIIUMS ©

The Nasturtium is already one of the most popular annuals and should be in every planting, as they are extremely easy to grow. They produce a wonderful array of blossoms from early to late and are less particular as to soil and conditions than most flowers. Flowers are yellow, red, crimson, spotted, maroon and a wide variation in shades of the above. Do not fail to sow some Nasturtium seed.

### DWARF VARIETIES

Very useful for bedding, massing or ribboning. A few Dwarf Nasturtiums in the yard are very brilliant and attractive. The flowers are brighter if the soil is not over rich. Give each plant a foot of room; hardy annual; one foot.

**Beauty.** Scarlet, splashed canary. Oz. 20 cts. Pkt. 5 cts.

**Pearl.** White. Oz. 20 cts. Pkt. 5 cts.

**Golden King.** Bright yellow. Oz. 20 cts. Pkt. 5 cts.

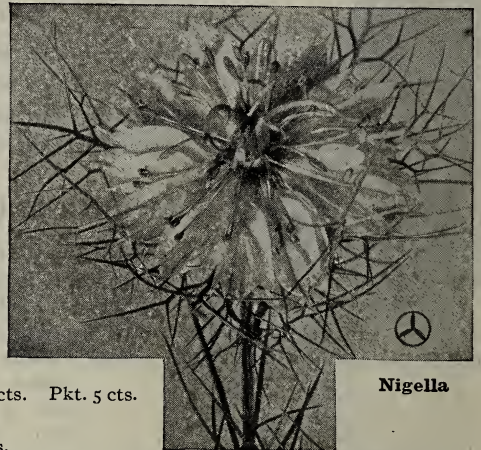
**Rose.** Oz. 20 cts. Pkt. 5 cts.

**King Theodore.** Dark maroon. Oz. 20 cts. Pkt. 5 cts.

**Empress of India.** Brilliant crimson; dark tinted foliage. Oz. 20 cts. Pkt. 5 cts.

**King of Tom Thumbs.** Intense scarlet. Oz. 20 cts. Pkt. 5 cts.

**Mixed.** This splendid mixture contains all the named varieties and every color. No finer mixture can be made. They will produce enormous flowers on long

**Nigella**

### VARIEGATED TALL NASTURTIIUMS

**Queen Hybrids Mixed.** The foliage of this new class of Nasturtiums is very distinct and pleasing in its variegation. The color of the foliage is pea green, spotted and blotched with pure white, making an attractive looking background for its various colored flowers, which range from bright scarlet to rose pink and creamy white; many of them being blotched and splashed with different shades. Pkt. 10 cts. Oz. 20 cts.

### NICOTIANA (Sweet Scented Tobacco Plants)

**Affinis.** This is the pure white form and is very popular. Pure white, sweet scented, star-shaped flowers. Pkt. 5 cts.

**Hybrida Mixed.** This type has large star-shaped flowers in a great variety of colors. If the plants are taken up in the fall, cut back and potted, they will bloom nicely in the house during the winter, 2 to 3 feet. Mixed colors. Pkt. 5 cts.

### NIGELLA ©

**Miss Jekyll.** Curious looking flowers with finely cut foliage. Flowers are corn-flower blue, well set off by the feathery, green foliage which entirely surrounds them. Especially good for bouquets. Pkt. 5 cts.

## PANSIES

Pansies produce larger flowers and are at their best during the cool weather. The seed may be sown in the hot-bed, in boxes in the house or in the open ground. Plants from seed sown in the spring will bloom that summer, while fall sown seed, slightly protected during the winter, will produce an abundance of flowers the following spring.

### SUPERB GIANT PANSIES

**Black.** Jet black. Pkt. 10 cts.

**Bridesmaid.** Flowers very large and of fine form. Its ground color is a rosy white, and most strikingly sets off the dark blotches of the center. Pkt. 15 cts.

**Mad. Perrett.** Edge of petal is frilled. The colors are dark wine, pink and red, beautifully veined, and all with a white margin. Extra large flowers. Pkt. 10 cts.

**Masterpiece.** Distinct in form of flowers, the border of each petal being conspicuously curled or waved, giving the flower a double or globular appearance. Choice mixed colors. Pkt. 15 cts.

**President Carnot.** Each of the five petals has a dark violet blotch, leaving a broad margin of pure white. Produces large flowers. Pkt. 15 cts.



Pansies

**President McKinley.** The ground color is a deep golden yellow, while each petal has a large blotch of rich dark violet, leaving a clearly defined broad edging of "pure gold." Pkt. 15 cts.

**Purple.** Large flowered, solid purple. Pkt. 10 cts.

**Ruby.** Superb red. Pkt. 10 cts.

**Striped.** Beautifully striped and blotched, of various colors. Pkt. 10 cts.

**White.** Extra large, pure white flower. Pkt. 10 cts.

**Yellow.** Large, pure yellow. Pkt. 10 cts.

**Superb Giant Mixed.** An extra fine mixture of Giant Pansies, including all of the above together with Odier, Cassiers, Bugnot, and Trimardeau selections. Pkt. 10 cts., 3 pkts. 25 cts.

### EXCELSIOR PANSIES

**Mixed.** This is a class of large flowered Pansies especially adapted for bedding purposes. Pkt. 5 cts., six pkts. for 25 cts.



Perennial Peas

### PERENNIAL PEA

These rampant vining Peas are of easy cultivation, producing very showy flowers, ranging in color from white to rose and purple. Sometimes known and sold as Everlasting Sweet Pea. Quite hardy and not particular as to soil. Splendid for covering rocks, stumps, walls.

**White.** Pkt. 10 cts. **Pink.** Pkt. 10 cts. **Red.** Pkt. 10 cts.

**Mixed.** Pkt. 10 cts.

### PENTSTEMON

Herbaceous plants, with long spikes of rich colored flowers from May until frost. Will bloom the first season if sown early in a hot bed and planted out as soon as frosts are over.

**New Large Flowering.** The numerous Gloxinia-shaped flowers are borne on long stems. The colors are white, pink, rose and crimson, many being spotted and margined with a contrasting color. Hardy perennial. Choice mixed. Pkt. 10 cts.



Pentstemon  
(Large Flowering)



Petunia—Large flowered, Double and Single

## PETUNIAS

### GIANT DOUBLE FLOWERING PETUNIAS

While a fair per cent of Double Petunia seed will produce double flowers, some will not, but the single ones will be richly colored and finely marked. The seedlings, which appear weak and sickly at first, generally produce good strong plants in the end, often double, and the finest flowers. We consider this one of the finest mixtures of Double Petunias ever offered. It is composed of the best and largest flowered strains grown. Pkt. 30 cts.

### SINGLE LARGE FLOWERING PETUNIAS

**Fringed.** (Fimbriata.) A strain of beautifully fringed flowers. Colors rich and brilliant. Pkt. 15 cts.

**Giant Ruffled.** The flowers of this strain are ruffled and fringed, colors rich and gorgeous, with charming deep throats of various shades. Fine mixed. Pkt. 20 cts.

**Giant of California.** Choicest mixed seed saved from show flowers. Very large. Pkt. 15 cts.

### SINGLE BEDDING PETUNIAS

**Howard's Star.** A clear purple with a distinct white star filling throat and extending to edge of petals. Pkt. 10 cts.

**Rosy Morn.** Of compact, bushy growth, fifteen inches in height and about the same in diameter, and are covered through the entire season with open-throated flowers one and one-half inches in diameter. Throat silvery-white, outer edge heavily shaded soft rose-pink. Pkt. 10 cts.

**Single Pure White.** A desirable variety where a pure white is desired for beds and borders. Grow 10 to 15 inches high, very free blooming. Pkt. 10 cts.,  $\frac{1}{4}$  oz. 35 cts.

**Finest Striped and Blotched.** Mixed. Pkt. 10 cts.

**Fine Mixed.** Pkt. 5 cts.,  $\frac{1}{8}$  oz. 40 cts.

### PLATYCODON (Balloon Flower)

Curious shaped flowers in blues and whites. The unopened buds curiously resemble miniature balloons. Hardy perennial, 2 to 3 feet. Seed sown in early spring will bloom the next August. **Mixed colors.** Pkt. 10 cts.

### PORTULACA

There is scarcely any flower in cultivation that makes such a dazzling display of beauty as a bed of brilliant colored Portulacas. They thrive best in a rather rich, light loam or sandy soil, and an exposed sunny situation. Half-hardy annual.

**Double Mixed.** All colors. Pkt. 10 cts. **Single Mixed.** All colors. Pkt. 5 cts.

### PRIMULA OBCONICA

**Grandiflora Hybrida.** The flowers are of a soft lilac shade, it is fine for pot culture, also for the open border during the summer months. If sown early in the spring the seedlings will commence to bloom in May or June and continue to flower throughout the whole year. Pkt. 15 cts.

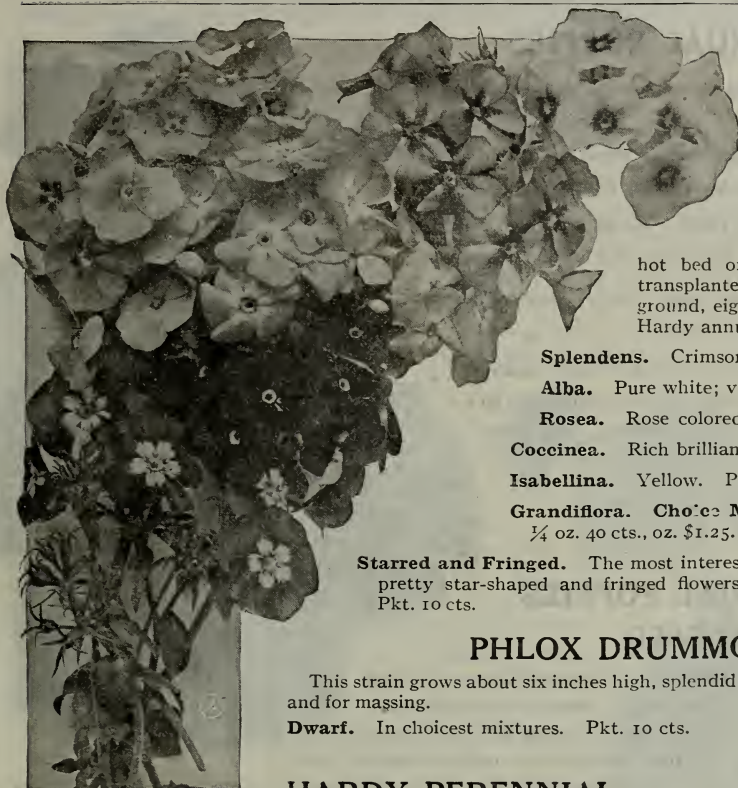
### PRIMROSE (Chinese Fringed)

The Chinese Primrose is one of the finest plants for winter and spring blooming in the house or conservatory; they do well in a cool room and in a north window where most other plants fail; in bloom all winter. Greenhouse perennials.

**Choicest Mixed Colors.** Pkt. 20 cts.



Double Portulaca



## PHLOX DRUMMONDI GRANDIFLORA ☉

For a splendid mass of colors and a constant display, this is not excelled by any other annual, commencing to bloom quite early and continuing until severe freezing.

The seed may be planted in the open ground May 1st or in hot bed or house earlier, and afterwards transplanted to where wanted into rich ground, eight to ten inches apart each way. Hardy annuals; one foot.

**Splendens.** Crimson with white eye. Pkt. 10 cts.

**Alba.** Pure white; very large. Pkt. 10 cts.

**Rosea.** Rose colored; large white eye. Pkt. 10 cts.

**Coccinea.** Rich brilliant scarlet. Pkt. 10 cts.

**Isabellina.** Yellow. Pkt. 10 cts.

**Grandiflora. Choice Mixed,** all colors. Pkt. 5 cts.,  
¼ oz. 40 cts., oz. \$1.25.

**Starred and Fringed.** The most interesting of the Phlox family, bearing pretty star-shaped and fringed flowers, rich in colors. Choice mixed. Pkt. 10 cts.

## PHLOX DRUMMONDI NANA

This strain grows about six inches high, splendid for pot culture or for ribbon lines and for massing.

**Dwarf.** In choicest mixtures. Pkt. 10 cts.

## HARDY PERENNIAL PHLOX ☉

Perennial Phlox is one of the show features of our nurseries. Our seed is saved from a magnificent collection, embracing all the new and standard sorts of every color.

**Finest Mixed.** Every color, unsurpassed in quality. Pkt. 10 cts.

## PINK (Dianthus) ☉

### ANNUAL VARIETIES

**Snow Queen.** (Double White Japan.) One of the prettiest of white cut flowers. Pkt. 5 cts.

**Heddewigii Flore Pleno Fireball.** (Double Scarlet Japan.) Pink. Flowers brilliant scarlet. Pkt. 5 cts.

**Heddewigii Flore Pleno.** (Double Japan Pink.) Flowers large and double; many of them finely fringed; choice mixed. Pkt. 5 cts.

**Chinensis fl. pl.** (Double China Pink.) The colors are rich, and you hardly find two alike. Pkt. 5 cts.

**Double Choice Mixed Mixture.** Of all the above double annual varieties. Pkt. 5 cts., ¼ oz. 20 cts.

**Single Choice Mixed.** All single annual varieties. Pkt. 5 cts., ¼ oz. 20 cts.

### PERENNIAL VARIETIES

**Plumarius, fl. pl.** Hardy perennial sweet scented garden Pinks. Double mixed. Pkt. 10 cts.

## PYRETHRUM

**Roseum Hybridum.** Showy, hardy perennials, blooming the first season if sown early. They grow two feet high. The foliage is fine. The flowers are large and in color white, rose, crimson and scarlet. A fine cut flower.

**Double Mixed.** ☉ Pkt. 25 cts. **Single Mixed.** ☉ Pkt. 5 cts.



## ANNUAL POPPIES

**American Flag.** Flowers extra large, double; snow-white, with each petal bordered with scarlet. Pkt. 5 cts.

**Snowdrift.** Flowers large, double and as round as a ball; pure white, with fringed petals. One of the best. Pkt. 5 cts.

**Tulip.** The flower resembles a Tulip. The color is intense scarlet, with deep black spots appearing at the base of each petal. Pkt. 5 cts.

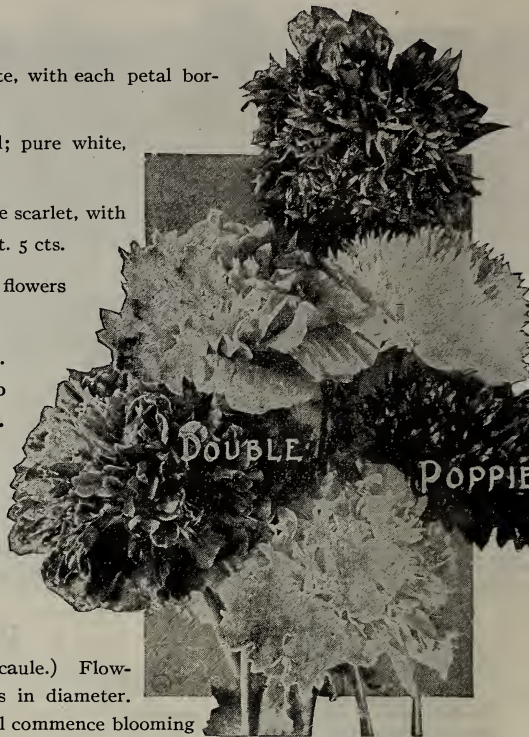
**Carnation Flowered.** Brilliant, large, showy, double flowers of various colors. Mixed. Pkt. 5 cts.

**Shirley.** The most beautiful strain of the entire Poppy family. The colors range from blush white through many tints to bright crimson. Mixed. Two and one-half feet. Pkt. 5 cts.

**Paeony Flowered.** Choice mixed. Pkt. 5 cts.

**Double Mixed.** Annual varieties. Pkt. 5 cts.

**Single Mixed.** Annual varieties. Pkt. 5 cts.



## HARDY PERENNIAL POPPIES SMALL FLOWERED



**Tulip and Paeony  
Flowered Poppies**

makes a perfect pyramid, thickly set with its broad palmate leaves; a large group of them gives a fine tropical effect. Sow in hot bed and transplant when three leaves have formed, or sow in ground where they are to grow.

**Sanguineus.** Tall, with reddish stalks. Large ornamental reddish purple leaves. Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts.

**Zanzibarensis, Mixed.** Robust strong grower, foliage green and red. Pkt. 5 cts., oz. 20 cts. ¼ lb. 60 cts.

**Iceland.** (Papavar Nudicaule.) Flowers two to three inches in diameter. Sown early in spring will commence blooming in June and continue until cold weather if not allowed to bear seed. Choice mixed colors. Pkt. 5 cts.

## LARGE FLOWERED

For permanent beds these brilliant large flowering hardy Poppies stand unrivaled; the flowers average six inches across, and are simply grand when in bloom, the plants are robust growers three to four feet high. They do not bloom the first year from seed, but will last for years, improving continually.

**Bracteatum.** Crimson, black spots in center. Pkt. 5 cts.

**Oriente.** Orange scarlet. Pkt. 5 cts.

**Large Flowered.** Mixed. Pkt. 5 cts.

## RICINUS

(Castor Oil Plant)

### TENDER ANNUAL.

This plant has enormous leaves beautifully lobed. Planted singly it



**Ricinus**

## SALVIA (Scarlet Sage)

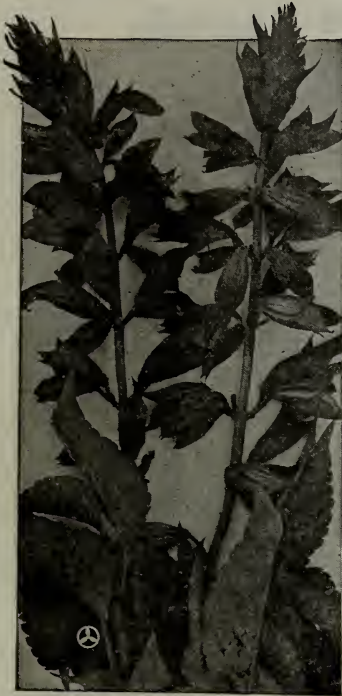
This very popular plant is a tender perennial, but should be treated as an annual. Its beautiful flaming spikes of blossoms will add more to a border than any other plant, and where a brilliant scarlet is wanted it is unsurpassed.

**Clara Bedman.** (Bonfire.) It grows about two feet high and as many broad and very compact. Its long spikes of fiery scarlet flowers stand up stiff and erect well above the foliage. Pkt. 10 cts.

**Drooping Spikes.** This large flowering variety has three times the flowering capacity on each spike of the ordinary Salvia Splendens. The flowers are produced in great numbers causing the spikes to droop by their own weight. Pkt. 10 cts.

### Splendens.

One of the most gorgeous of annuals, blooming throughout the summer and fall. The plants grow from one and one-half to three feet in height and are completely covered with showy sprays of bright scarlet flowers. Pkt. 5 cts.



Salvia Zurich

**King of the Carpets.** A very dwarf free flowering type; splendid for beds and borders. Pkt. 15 cts.

**Zurich.** A dwarf variety with long spikes of brilliant scarlet flowers. It is free blooming, and a desirable addition. Pkt. 10 cts.

## SALPIGLOSSIS

The colors are marbled and penciled purple, scarlet, crimson, yellow, buff, blue and almost black. Many of the flowers have the appearance of being sprinkled with gold dust. Bloom from August to October. Produced on long stems making an ideal cut flower. Very easily grown. Half-hardy annual; 2 feet.

**Emperor.** Choice mixed. Pkt. 5 cts.



Salpiglossis Emperor



Scabiosa (Mourning Bride)

## SCABIOSA

(Mourning Bride or Sweet Scabiosa)

One of the handsomest summer border plants, producing in great profusion splendid flowers for table bouquets, etc. Hardy annual; 2 to 3 feet. **Double.** All colors mixed. Pkt. 5 cts.

## SMILAX

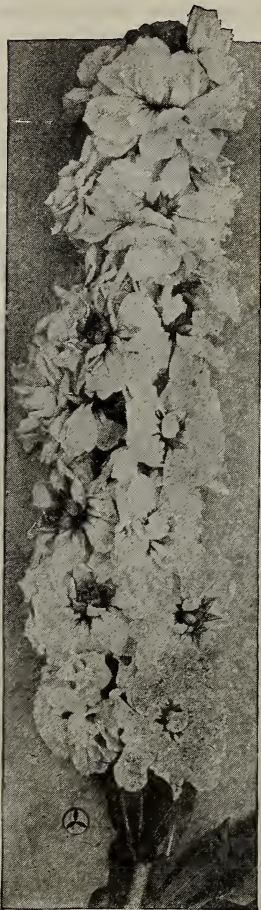
(Myrsiphyllum Asparagoides)

A graceful tuberous rooted, tender perennial climber, none surpassing it for its glossy deep-green, most delicate foliage and small white flowers; fine for vases and baskets. Soak the seed 24 hours before sowing; 6 to 10 feet. Pkt. 5 cts.

## SCHIZANTHUS or BUTTERFLY FLOWER ©

These annuals produce a wealth of beautiful flowers, very dainty and of many colors, spotted, blotched, veined, orange, purple, etc. Fine for pot plants and very easily grown from seed. Sometimes sold and known as the Butterfly flower.

**Hybridus Grandiflora.** Choice mixed. Pkt. 5 cts.



**Large Flowering  
Ten Weeks Stocks**

**Wisetonensis.** One of the finest large-flowered sorts, colors ranging from pink with brown center to white, yellow center. Excellent for pot plants. Pkt. 10 cts.

## STOCKS (Gilly Flowers)

Stocks leave little to be desired in general usefulness of a flower of its type. They are very easy to grow and have splendid foliage and beautiful fragrant blossoms in a wide range of colors, that are produced in lavish profusion throughout a long season. A very useful bedding and pot plant. Sow in hot beds or boxes during March and April, transplanting to boxes or pots, when weather is suitable transplant to open ground, about one foot apart, for early flowers. Sow in open ground in May. Plants may be lifted in fall and potted up for winter blooming indoors.

## LARGE FLOWERING DOUBLE TEN WEEKS

The Ten Weeks Stocks bloom from 10 to 12 weeks after being sown; grow from 6 to 18 inches high, and in light, rich soil bear an immense quantity of bloom, each plant forming a perfect bouquet of delightful fragrance. Half hardy annual.

**Princess Alice.** (Cut and Come Again.) A valuable cut flower variety of the perpetual blooming type. Double pure white. Pkt. 10 cts.

**Double Dwarf Mixed.** Early flowering; a choice assortment. Pkt. 5 cts.

**Double Giant Perfection Ten Weeks.** Tall, late flowering class. Choice mixed. Pkt. 5 cts.

## WINTER STOCK

**Brompton.** Blooms well in winter; flowers very fragrant. Half-hardy biennial; one and one-half feet high. All colors mixed. Pkt. 10 cts.

## STOKESIA (Stokes Aster)

A splendid perennial for garden culture. Splendid in beds or borders. Its ease of cultivation should make it very popular. Blooms first year from seed.

**Cyanea.** Showy deep lavender blue, aster-like flowers, produced in clustered heads from early June till late in the fall. Pkt. 10 cts.

**Alba.** A new sort, identical with Cyanea, except in color, which is a pure white; very desirable. Pkt. 10 cts.



**Schizanthus**



**Stokesia**

## SWEET PEAS®

To succeed best they should be sown as soon as the ground can be worked in the spring. Good soil thoroughly mixed with well rotted manure dug to a depth of one foot or more will give splendid results; when well up give brush or strings to support them. May also be sown late in fall about middle of November and will bloom earlier. They commence to bloom early, and if the flowers are picked as soon as they fade will continue all summer.

### SPENCER TYPE or ORCHID FLOWERED

A distinct race of beautifully waved and frilled flowers of enormous size.

#### COLLECTION OF SIX SUPREME SPENCERS

*See colored illustration inside Front Cover.*

We have chosen for this collection the six varieties which we consider most supreme for size of flower and richness of color. Each variety is a distinct, separate shade and all are beautifully frilled and waved. This assortment of six separate packets in colors illustrated, **postpaid for 40 cts.**

**Asta Ohn.** A giant frilled lavender. The long erect stems usually carry four of the enormous flowers. Color soft and pleasing. Pkt. 10 cts., oz. 25 cts.

**Apple Blossom Spencer** An exact reproduction of Apple Blossom color, and having the splendid wavy blossoms of the Spencer type. Pkt. 10 cts., oz. 25 cts.

**Aurora Spencer.** Flowers striped and mottled with orange salmon upon a background of creamy white. Pkt. 10 cts., oz. 25 cts.

**Captain of the Blues.** A true blue Spencer, very large. Pkt. 10 cts., oz. 25 cts.

**Dobbie's Cream.** This is the best Cream Spencer offered to date. Large waved flowers of pleasing color. Pkt. 10 cts., oz. 25 cts.

**Countess of Spencer.** The original of the Spencers. Standard finely waved, clear pink wings. Pkt. 10 cts., oz. 25 cts.

**Empress Eugenie.** The color is a delicate tone of light gray, flaked with light lavender. The flowers are of large size beautifully waved and crimped. A vigorous grower and very free bloomer, throwing a large proportion of four-flowered sprays. Pkt. 10 cts., oz. 35 cts.

**Fiery Cross.** This variety, a fiery red, has the appearance in the light of glowing like living fire. The standard is a fiery red or rich crimson, while the fluted

wings are a rich cherry orange. Fiery Cross is not damaged by exposure to the sun's rays. Pkt. 10 cts., oz. 30 cts.

**Florence Morse.** A dark pink Spencer. Pkt. 10 cts., oz. 25 cts.

**Florence Nightingale.** A magnificent lavender. Standard and wings large and well waved. Pkt. 10 cts., oz. 25 cts.

**Geo. Herbert Spencer.** A new Spencer, bright rosy carmine in color. Pkt. 10 cts., oz. 25 cts.

**Helen Lewis.** A true orange Spencer. Pkt. 10 cts., oz. 25 cts.

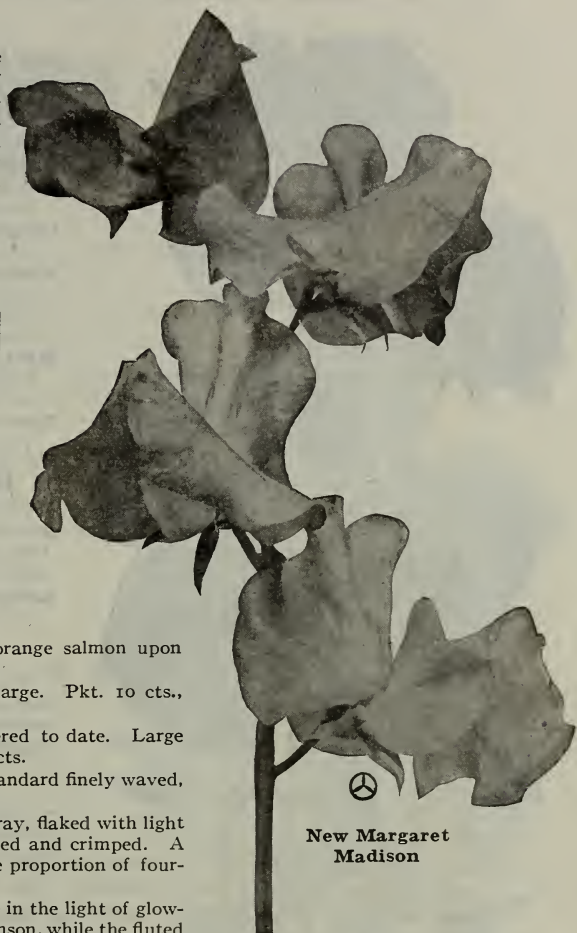
**Illuminator.** One of the most charming combinations of color yet seen in Sweet Peas. The ground color is a warm salmon-orange with bright cerise-pink. Flowers, which are placed on long stout stems, are expanded and beautifully waved. Pkt. 10 cts., oz. 35 cts.

**King White.** The white is pure and opaque; stems long, bearing almost uniformly fours; immense petals of finest frilled type. In strength of vine, size of flower, frilled form and finish, it is truly "king." Pkt. 10 cts., oz. 25 cts.

**King Edward VII Spencer.** The grand carmine, scarlet flowered Spencer. Flowers are deeply frilled. Pkt. 10 cts., oz. 30 cts.

**Masterpiece.** Lavender, one of the finest. Immense large flowers almost always borne in fours. Pkt. 10 cts., oz. 25 cts.

**New Margaret Madison.** A large perfect Spencer of delicate azure hue. The newly opened flowers show a tint of mauve changing until fully expanded flowers are a clear light lavender. Pkt. 10 cts., oz. 25 cts.



**New Margaret  
Madison**



**King  
White**



Grandiflora Strain

## SWEET PEAS (Continued)

**New Miriam Beaver.** This is one of the most pleasing and daintiest shades of pink among all the Sweet Peas. The color is a soft salmon-pink on a cream ground. The flowers are usually borne in fours, large and nicely waved, many duplexed, gracefully placed on long stiff stems. Pkt. 10 cts., oz. 30 cts.

**Othello.** A magnificent maroon Spencer. Pkt. 10 cts., oz. 25 cts.

**Primrose Spencer.** A very long stemmed clear primrose yellow. Pkt. 10 cts., oz. 25 cts.

**Vermilion Brilliant.** A brilliant scarlet. Bold standard, splendidly waved. Pkt. 10 cts., oz. 25 cts.

**Wedgewood.** A beautiful unique shade of Wedgewood blue. A profuse bloomer of large sized flowers which are beautifully waved. It is a color long wanted and is in much demand. Pkt. 10 cts., oz. 35 cts.

**White Spencer.** It has a very large fluted and crinkly standard. Flowers borne three and four on long stems. Pkt. 10 cts., oz. 25 cts.

**Spencer Mixed.** All varieties. Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts., lb. \$2.50.

## ECKFORD'S GRANDIFLORA STRAIN

These splendid Peas while not waved and crimped as Spencers, are indeed fine. Many blossoms are as large as the finest Spencers. This splendid mixture comprises all shades and colors in well balanced proportions.

**Eckford's Grandiflora Mixed.** Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 35 cts., lb. \$1.25.

## CUPID OR DWARF SWEET PEAS

These grow only about six to eight inches high, with flower stems about six inches long, which bear three and four blossoms each, of delicious fragrance.

**Cupid Mixed.** A fine mixture. Pkt. 10 cts., oz. 25 cts.

## EARLY FLOWERING SPENCERS

Fully as large flowered as the other Spencers, come into bloom from two to three weeks earlier and flower throughout a long season.

**Early Heatherbell.** Upon first opening this is a pleasing mauve, but after being cut and stood in water a short time changes to a beautiful mauve lavender. Pkt. 20 seeds, 15 cts.

**Morning Star.** An early large Orchid flowered type, orange scarlet color. Pkt. 15 cts.

**Early Snowflake.** This is the best of the early white-seeded Spencers. Large frilled flowers, of purest white. Pkt. 20 seeds, 15 cts.

**Yarrowa.** Very large frilled flowers borne upon strong, erect stems. Color at first is rose, changing later to a clear pink; wings are bluish tinted with buff. Pkt. 20 seeds, 15 cts.

## SUNFLOWER (Helianthus) ©

**Purpureus.** (New Red Sunflower.) This novelty makes a striking appearance and should be in every garden. The flowers of good form and unusual beauty come in various shades of red and red margined with yellow and range from two to five inches in diameter. Plants grow from five to eight feet high, branch freely and are covered with blossoms. Makes an excellent plant for screens or hedges and provides a valuable cut-flower. Pkt. 15 cts.

**Double Chrysanthemum Flowered.** Grows about six feet high and blooms profusely. The perfectly double flowers are bright yellow, of different sizes, from three to six inches in diameter. Pkt. 5 cts., oz. 25 cts.

**Cut and Come Again Sunflower.** (The Ever-Blooming Type.) The single flowers, three to four inches across, are borne on long stems admirably adapted for vases. Choice colors in mixture. Pkt. 5 cts.

**Large Russian.** A very tall growing double variety; 10 to 15 feet. The seed used for poultry. Oz. 5 cts.,  $\frac{1}{4}$  lb. 10 cts., lb. 35 cts.



New Red Sunflower



Wild  
Cucumber

## THUNBERGIA

Beautiful rapid-growing climbers, fine for vases, rustic work or greenhouse culture. Half-hardy annuals; five feet. Fine mixed. Pkt. 5 cts.

## MAMMOTH FLOWERED VERBENA

In good soil, the Verbena, as an annual creeper, produces abundant foliage and is literally covered with the large umbels of brilliant blossoms. For early blooms sow in boxes and trans-

plant into rich soil fifteen inches apart. May be sown in April in the open and thinned.

This choice strain has large flowers of very brilliant colors.

**Pink.** Pkt. 10 cts.

**Scarlet.** Pkt. 10 cts.

**White.** Pkt. 10 cts.

**Blue and Purple  
Shades.** Pkt. 10 cts.

**Mixed.** All shades.

Pkt. 10 cts.  $\frac{1}{4}$  oz. 25 cts.



Verbena

## SWEET WILLIAM

(*Dianthus Barbatus*)

There is perhaps no flower more favorably known than the Sweet William. Hardly any garden is considered complete without its planting of Sweet Williams

They are easily grown from seed and produce a wonderful array of color. Perfectly hardy.

**Mixed Single.** Very fine. Pkt. 5 cts.

**Mixed Double.** Perfectly double, and a great variety of colors. Pkt. 5 cts.

**Harlequin.** Each head of different colored florets, crimson, white, pink, flesh and striped. Pkt. 5 cts.



Sweet Williams

## WALL FLOWER

Deliciously fragrant and combine many shades of color; the orange, purple and chocolate predominating; tender perennial, one and one-half feet.

**Double Mixed.** Pkt. 10 cts.

**Singe Mixed.** Pkt. 5 cts.

## WILD CUCUMBER

A climber which reaches a height of 30 feet in one season. It is covered with clusters of white sweet-scented flowers followed by an abundance of ornamental seed pods. Hardy annual. Oz. 15 cts. Pkt. 5 cts.

## ZINNIA®

Few flowers are so easily grown from seed sown in the open ground, or bloom so abundantly and continuously as this hardy annual. Marvelous improvements have been wrought in the newer strains. During the month of August, Zinnias are incomparably bright. We recommend them for groups, beds, borders and summer hedges. Sow seed in the open ground early in spring. Height,  $1\frac{1}{2}$  to 2 feet.

### NEW GIANT ZINNIA PICOTEE

This novelty is the most attractive thing in all the race of Zinnias. The flowers are of the Giant type, each petal distinctly tipped with a darker shade as in Picotee Carnations. They come in a variety of colors, including Orange, Flesh, Lemon, Pink and Cerise, each with the peculiar marking on tips of petals. This is an odd yet wonderfully beautiful Zinnia. We offer in mixture only, cannot supply separate colors.

**Picotee Mixed.** Pkt. 25 cts.

**Double Pompon.** Flowers small and of good shape; double and of beautiful form; fine for bouquets. Fine mixed colors. Pkt. 5 cts.

**Curled and Crested.** The flowers of this fine class of Zinnias are large, full and double, the petals being twisted, rendering them free from stiffness. A variety of splendid colors. Pkt. 5 cts.

**Zebra.** Flowers of all colors, many of which are striped and spotted with different shades, hardly any two alike. Mixed colors. Pkt. 5 cts.



Zinnia Picotee



Zebra and  
Giant Scarlet Zinnia

### GIANT FLOWERED DOUBLE ZINNIAS

These are not to be confused with the common or small flowered strains, as they are a distinct race of truly giant flowered Zinnias.

**Giant Flowered Crimson.** A rich shade. Pkt. 10 cts.

**Giant Flowered Orange.** Pure orange. Pkt. 10 cts.

**Giant Flowered Pink.** Clear light pink. Pkt. 10 cts.

**Giant Flowered Purple.** Clear deep purple. Pkt. 10 cts.

**Giant Flowered Scarlet.** A flaming red. Pkt. 10 cts.

**Giant Flowered White.** Pure snow white. Pkt. 10 cts.

**Giant Flowered Mixed.** A splendid mixture of all of the above and others. Pkt. 10 cts.,  $\frac{1}{4}$  oz. 25 cts.

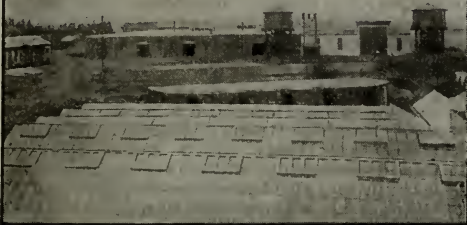
## STORRS & HARRISON CO.'S "COLOR RIOT" Wild Garden Mixture

Many of our customers desire to have a wild garden with all kinds of flowers in it. And others have only a small plot and don't know what to plant. For these customers we have prepared a mixture of all desirable annuals, for effect the first year. For those that desire a permanent "Wild Garden," our "Color Riot" Perennial Mixture is recommended. Either mixture is just what the name implies—a veritable riot of color.

**"Color Riot" Annual Mixture.** Contains a mixture of hundreds of free flowering annuals that will give amazing effect the first year. Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts., lb. \$2.50.

**"Color Riot" Perennial Mixture.** A splendid mixture of permanent flowers, all free flowering and very desirable. Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts., lb. \$2.50.

# PLANT DEPARTMENT



**T**HIS DEPARTMENT embraces the output of 45 large greenhouses, numerous up-to-date propagating frames and more than 25 acres of land. It embraces a great assortment of Summer Bedding Plants, Flowering House Plants, Decorative Plants, Vining Plants for boxes and baskets, Summer Flowering Bulbs, Tender Roses, Aquatic Plants and a splendid collection of Hardy Perennial Plants. In a few things—such as Flowering Begonias, Fuchsias, Ferns and Palms—we have probably the largest and most complete stocks in the country. In all other kinds and varieties, our supply is commensurate with our trade requirements as

## THE LEADING DEPARTMENTAL NURSERY OF AMERICA.

**PRICES.** All prices listed under this department are priced for delivery by mail, postage prepaid—unless otherwise specified. Express shipments are not prepaid.

**Shipment by Mail.** To reduce weight and volume, all pot plants are shipped without pots, and with most of the dirt knocked off. Various kinds of plants cannot be safely mailed, and are specially excepted following their descriptions. Mail service is generally prompt and satisfactory for any distance if weight is not too great to allow sufficient packing for preservation of the stock.

**Shipment by Express.** The heavier plants are selected; nearly all the soil is retained; adequate packing material used and substantial cases or containers are furnished free—on deliveries by express. In many cases a special and lower price is quoted for express orders.

**No Plants by Freight.** The slowness and uncertainty of freight service make its use very impracticable and unsafe for all tender plants and perennials. If such stock is ordered shipped in this way, customer must assume entire risk of loss or damage

**We Guarantee Safe Arrival.** Shipments of stock listed under Plant Department, by mail or express, are guaranteed to reach destination in good condition. We should be advised if delivery is not made within a reasonable time after notification is mailed from this office. Examine stock carefully upon arrival, and report **promptly** any items damaged or in poor condition, both to us and to the delivering Express company. After safe delivery in good condition, we do not assume responsibility for future growth or failure.

## CIRCULAR BED PLANTING TABLE

We receive so many inquiries as to number of plants required for beds of various sizes, the following table is offered to furnish such information. If plants are to be 6 inches apart, commence outside row 3 inches from edge of circle; if 12 inches apart, then 6 inches from edge, etc. It is important to make the outer rows compact, although the inner rows may be more openly spaced. The table below is for circular beds, but a square will require about the same number of plants. An oval bed may be compared to a diameter found by adding length to breadth and dividing by 2.

| Diameter of bed. | Plants 6 in. apart. | Plants 12 in. apart. | Plants 18 in. apart. | Plants 24 in. apart. | Plants 30 in. apart. |
|------------------|---------------------|----------------------|----------------------|----------------------|----------------------|
| 3 feet           | 28                  | 7                    |                      |                      |                      |
| 4 "              | 48                  | 12                   | 6                    |                      |                      |
| 5 "              | 80                  | 20                   | 8                    |                      |                      |
| 6 "              | 112                 | 28                   | 13                   | 7                    |                      |
| 7 "              | 152                 | 38                   | 17                   | 9                    |                      |
| 8 "              | 200                 | 50                   | 23                   | 12                   |                      |
| 9 "              | 256                 | 64                   | 28                   | 16                   |                      |
| 10 "             | 320                 | 80                   | 36                   | 20                   | 13                   |
| 11 "             | 380                 | 95                   | 42                   | 24                   | 16                   |
| 12 "             | 452                 | 113                  | 50                   | 28                   | 18                   |
| 13 "             | 528                 | 132                  | 59                   | 33                   | 22                   |
| 14 "             | 612                 | 153                  | 68                   | 39                   | 25                   |
| 15 "             | 704                 | 176                  | 78                   | 44                   | 28                   |
| 16 "             | 804                 | 201                  | 89                   | 50                   | 32                   |
| 17 "             | 904                 | 226                  | 100                  | 57                   | 36                   |
| 18 "             | 1016                | 254                  | 113                  | 63                   | 40                   |
| 19 "             | 1132                | 283                  | 126                  | 71                   | 46                   |
| 20 "             | 1256                | 314                  | 139                  | 78                   | 50                   |

**I**N ADDITION to our greenhouse equipment, we have an ample complement of first class, up-to-date propagating and storage frames; commodious assembling and packing rooms; and one of the largest and safest "cold storage" buildings in the business for harboring imported stock, such as Azaleas, Boxwoods, Bay Trees, Tree Roses, Small Evergreens, etc. A mammoth new Rose cellar, built to cover the results of many years experimenting, keeps our field grown Roses dormant and in fine condition until planting time. If "preparedness" in the matter of competent equipment, regardless of expense, has any practical virtue, the patrons of our Plant Department should receive about the best service and conditioned stock obtainable in this country.

# MAIL ORDER BARGAIN COLLECTIONS

## OF PLANTS AT HALF PRICE—OUR SELECTION OF VARIETIES

These Bargain Collections are given prominence at the commencement of Plants, merely as a convenience to readers who are seeking such; and should not be considered as cheapening the dignity of valuable and distinctive products offered regularly on succeeding pages.

**I**N GETTING an order together and preparing it for shipment, there is a lot of work connected with the process which is just as expensive to us on a single plant as it would be for a dozen or many more. Hence, on orders for tens, dozens, or hundreds of a kind, we can afford to price at a much lower rate than for one or two merely of a kind. The following collections enjoy the price benefit of being assembled in large numbers at one time.

**FOR 65c**

We will send any one of the following plant collections, **post-paid**, thus giving about double the money's worth in every collection. Plants and bulbs used in filling these collections are not the cheapest varieties by any means. Many times we have a surplus of novelties and especially good varieties and these collections enable us to give our customers the benefit of our over-production.

### Please Notice Conditions.

(1) Choice of varieties must be left to us, the purchaser simply mentioning the numbers of collections wanted.

(2) The prices of all collections are **NET**, except that we will send five collections for \$2.75.

- Set No. 1.. 10 Everblooming Roses, in 10 varieties.
- Set No. 2.. 5 Everblooming Roses and 5 Hardy Climbing
- Set No. 3.. 7 Baby Rambler Roses, 7 varieties. [Roses.
- Set No. 4.. 5 Wichuriana Roses and 5 Hardy Climbing
- Set No. 5.. 10 Grand Geraniums, double and single. [Roses.
- Set No. 6.. 10 Geraniums, all classes assorted.
- Set No. 7.. 10 Carnations, leading varieties.
- Set No. 8.. 7 Beautiful Fuchsias, 7 varieties.
- Set No. 9.. 8 Flowering Begonias, distinct sorts.
- Set No. 10.. 7 Large flowered Cannas.
- Set No. 11.. 10 Fine large flowered Chrysanthemums.
- Set No. 12.. 10 Bedding or Basket Plants, 10 varieties.
- Set No. 13.. 1 Caladium Esculentum, 4 Cannas and  
12 Gladiolus.
- Set No. 14.. 30 Gladiolus, choice mixed, all blooming bulbs.
- Set No. 15.. 3 Violets, 4 Geraniums, 3 Carnations.
- Set No. 16.. 5 Roses and 5 Geraniums, all different.
- Set No. 17.. 5 Carnations and 5 Roses, all different.
- Set No. 18.. 4 Chrysanthemums, 3 Carnations and 3 Roses.
- Set No. 19.. 7 Choice Hardy Herbaceous Plants, 7 varieties.
- Set No. 20.. 5 Assorted Hardy Herbaceous Plants, and  
5 Chrysanthemums.
- Set No. 21.. 3 Palms, choice varieties.
- Set No. 22.. 4 Dahlias, 4 varieties.
- Set No. 23.. 6 Hardy Ornamental Shrubs, 6 varieties.
- Set No. 24.. 6 Hardy Climbing Vines, 6 varieties.
- Set No. 25.. 6 Ferns in variety.



Acalypha Sanderi

## ACALYPHA

One of the popular types of bedding plants, combining various attractive leaf-formations with subdued, but none the less effective, coloring. They prove generally harder than Coleus, and less liable to wilt during the hot, dry spells of the summer.

**Bicolor Compacta.** Large ovate leaves of deep green, bordered and heavily barred yellow. 15 cts.

**Marginata.** Very large, waxy leaves of olive brown, with a saw-toothed edge of old rose. 15 cts.

**Sanderi.** (Chenille Plant.) A strikingly handsome plant equally useful for pots or bedding. Foliage deep glossy green; the flowers being fuzzy, bright red, rope-like pendants, often 18 to 20 inches long, drooping from the axil of each leaf. 20 cts.

**Triumphans.** Crisp, pointed, ovate leaves of light red, fantastically marbled in darker shades; like an immense autumn leaf. 15 cts.

## ACHYRANTHES

Thrive in any soil; are not easily killed by frost. They make intensely bright beds, and show off splendidly in borders to taller growing plants.

**Herbsti.** Transparent leaves of rosy carmine, intensely brilliant. A new form which has superseded Brilliantissima on account of the greater brilliancy of its color, and more compact and dwarfer growth.

**Emersoni.** Leaves of glittering garnet, reverse side purple wine-color; veins and stems carmine.

**McNally.** Red stemmed; bright, rich green with yellow arching veins. A robust grower.

15 cts. each; 1.50 per dozen. By express, \$7.00 per 100.

## AGAPANTHUS



**Umbellatus.** (Blue Lily of the Nile). A splendid ornamental plant with long, narrow, drooping leaves and an abundance of clustered blue flowers on stalks three feet long. A fine subject for lawn or porch decorations in tubs or large crocks.

**Albus.** A white flowering variety.

Either blue or white, 25 cts. each; \$2.50 per dozen.

## AGERATUMS

Useful in all summer bedding schemes, as well as for baskets and vases. In fact, they are indispensable for these purposes on account of the serious lack of blue shades among bedding plants.

**Blue Perfection.** Large clusters, bright blue with purplish shadings.

**Blue Star.** Bright blue, star shaped flowers in large clusters; even, dwarf growth.

**Tapis Blue.** Dark and showy.

**White Cap.** Pure white.

15 cts. each; \$1.25 per dozen. By express, \$7.00 per 100.

## ALLAMANDA

**Hendersoni.** Magnificent flower-bells three to four inches in diameter; the richest, purest, waxiest yellow imaginable, and sweetly fragrant. Plant is strong growing, with a decided climbing tendency which makes it valuable for training on conservatory pillars and interior trellises. 25 cts. each. Strong plants from 6 inch pots, by express, \$1.00 each.

## ALOYSIA CITRIODORA

The well known "Lemon Verbena," noted for its delightful fragrance of foliage. No garden is complete without it, 20 cts. each; \$1.75 per dozen.

## ALTERNANTHERA

Bright, dainty little foliage plants extensively used for dwarf edging and for carpet bedding.

**Aurea.** Dense, fine leaved; bright yellow touched with green.

**Brilliantissima.** Rather broad leaves, bushy growth; mottled bronze and cream, but mostly bright red.

**Carroll Park.** Compact, slender leaved variety, showing a bright rose pink effect.

15 cts.; \$1.25 per dozen. By express, \$6.00 per 100.

## AMARYLLIS

Valuable alike for house, conservatory or garden. For pot culture they should be well drained and potted in soil composed of leaf mold and light loam, although they grow well in any rich soil.

**Atamasco.** One of the best of the Zephyr Lilies, ordinarily hardy in the Middle West if protected during winter. Flowers are pure white, about three inches long on 12-inch scapes, appearing from March to June. 15 cts. each; \$1.50 per dozen.

**Formosissima.** (Jacobean Lily.) Crimson velvet, flowering early in summer. 20 cts. each; \$2.00 dozen.

**Johnsonii.** Brilliant red flowers 5 inches in diameter, with a distinct white stripe in the center of each petal; very fragrant. 30 cts. each; \$3.00 per dozen.

## Anthericum Mandaianum

A new variegated decorative plant, useful, when small, as center to jardinières. Larger plants are very attractive in porch boxes and hanging baskets. The leaves are only about six inches long, dark green, with a bright yellow center; the crest of each flower stem reproducing a new plant complete. 20 cts. each; \$2.00 per dozen.

## ASPARAGUS



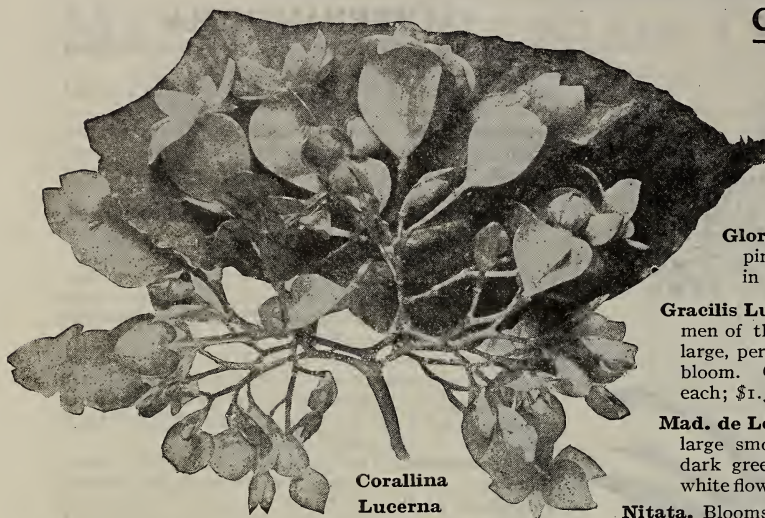
Brilliant dark green foliage plants, unquestionably the most used of any indoor trailing plants for bracketed pots, window boxes and hanging baskets.

**Plumosus Nanus.** The lace-like texture of its foliage outclasses Maiden Hair Fern for grace and daintiness; the long sprays being indispensable for floral use.

**Sprengeri.** Mostly used for hanging baskets where its long dense trails make a gleaming mass of green.

15 cts. each; \$1.50 per dozen.

4 inch pot plants 30 cts.; \$3.00 per dozen.



**Corallina  
Lucerna**

## **Corallina Lucerna.**

A splendid upright, vigorous grower, with long leaves of spotted olive green, a bright wine-red beneath. Enormous trusses of perfect coral red flowers make this variety one of the showiest and most desirable kinds in cultivation. 25 cts.: \$2.60 per dozen.

**Glorie de Chatelaine.** A new, brilliant pink bedding sort almost perpetually in bloom.

**Gracilis Luminosa.** A magnificent new specimen of the Semperflorens type, with flowers large, perfect and plentiful, and never out of bloom. Color the brightest scarlet. 15 cts. each; \$1.50 per dozen.

**Mad. de Lesseps.** A strong growing sort with large smooth leaves showing a satin finish, dark green above, red beneath; the ivory white flowers being borne in very large panicles.

**Nitata.** Blooms in good sized clusters of large flowers; white, delicately flushed rose.

# **BEGONIAS**

Few families of house plants are so entirely satisfactory in every way as the Begonias. They are rich in color and beautiful in design, and all classes are easily handled under any condition.

## **FLOWERING BEGONIAS**

**Alba Picta.** Leaves glossy green, thickly spotted with silvery white; flowers white.

**Alba Picta Rosea.** Strong growing variety with long green leaves, spotted silver; flowers bright rose color.

**Argentea Guttata.** Purple bronze leaves, oblong in shape, with silvery markings; white flowers.

**Erfordia.** Grows in symmetrical, compact form, with shining green foliage, continually covered with clusters of rosy salmon flowers. 15 cts. each; \$1.50 dozen.



**Alba Picta  
Rosea**



**Begonia—Otto Hacker**

**Otto Hacker.** In a class by itself. A strong vigorous grower, of fine upright habit, with large shining deep green leaves eight to ten inches long. Flowers bright coral red, borne in immense clusters eight to ten inches across.

**Prima Donna.** A good bedding Begonia with large, free flowers of bright pink. 15 cts.; \$1.50 per dozen.

**Richardsoni.** Deeply indented, rather small green leaves slightly edged with red. Flowers pure white.

**Rubra.** The flowers are a rich coral red hanging in large pendant clusters. One of the best.

**BEGONIAS (Continued)****Thurstoni**

upper side is a bronzy green, shaded with crimson and olive, with a peculiar glossy metallic luster over all. Flowers rosy white in large clusters.

**Warszewici.** The old fashioned "beef steak" Begonia. Thick, rounded leaves of deep green, with red on reverse side. 25 cts.

**White Pearl.** Very large, waxy white flowers, practically everblooming; growth rapid and bushy.

Unless noted, 20 cts. each; 8, our choice, for \$1.25.

**REX BEGONIAS****Rex Type**

The high coloring and exquisite markings of Rex Begonias makes them invaluable as decorative plants for house culture. They make excellent plants for baskets and vases, if given plenty of moisture and not exposed to the full rays of the sun.

Mixed varieties, varied colorings, 25 cts. each; \$2.50 per dozen.

**BROWALIA****"New Giant"**

Single flowers of deep indigo blue, fully two inches in diameter, blooming continually and completely enveloping the plant. Either for beds or pot plants; also useful to get blue into porch boxes and baskets. This is without doubt the most prolific and darkest colored of any summer flowering blue bedder. 15 cts.; \$1.50 per dozen.

**BOUGAINVILLEA****Glabra Sanderiana**

Large bell-shaped flowers of rosy crimson, borne profusely and very evenly all over the plant. Blooms when quite small and can be trained into almost any shape. An extremely vivid show may be secured by training large potted specimens into a globe shape.

Set into ornamental jardinières, these make splendid floor decorations for large rooms or lobbies. Trained to run up and along the bars of a conservatory, this plant furnishes one of the showiest, richest, most colorful climbers to be found for indoor use. On account of the lasting qualities of its flowers, it is frequently called "Chinese Paper Plant." 2½ inch pots, 20 cts. Fine 4 inch pot plants, by express, 50 cts.

**CACTUS**

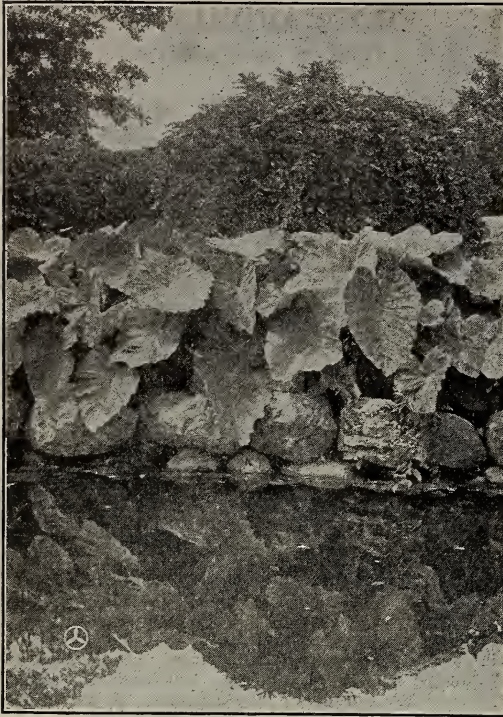
Growing to a single sturdy stem, the grafted tops spreading out horizontally with age, and with the drooping flowers, making a brilliant canopy above the pot.



**Epiphyllum** flowering crimson drooping flowers imens! several carried between feet flowers at plants we offer ed plants with 12 to 15 inches fine drooping Must be sent by

**Truncatum.** An early scarlet variety with long We have seen specimens years old, which 200 and 300 per one time. The are strong graft-straight stem, high, making specimens. express; 75 cts.

**Epiphyllum Makoyianum** (In bloom for Easter). A beautiful variety of the Crab or Lobster Claw Cactus, with bright scarlet flowers of large size and unusually bright and showy. Must be sent by express; too large to mail. 75 cts.



"Elephant's Ear" planted in Rockery

## FANCY LEAVED CALADIUMS

A class of beautiful variegated foliage plants, excellent for window boxes, vases or single pot plants, succeeding equally well in a somewhat shady situation out of doors. Among all foliage plants they are undoubtedly the showiest, reveling in many soft colors and indescribable beauties of design. After becoming well established, they require liberal watering coupled with adequate drainage. The bulbs should be started into growth about the first of April and dried off in October and kept in a warm and dry place until spring again. 20 cts. each; six for \$1.00.



Fancy Leaved Caladium

## CALADIUM ESCULENTUM

(Elephant's Ear)

For obtaining tropical effects in lawn and garden planting this beautiful plant takes a prominent place. Stands six to seven feet high, with bright green leaves three to four feet long and two and one-half feet wide. Should have plenty of water and good rich soil. Is a splendid adornment for the banks of fountains and lily ponds, or any rockery work where plenty of moisture is available.

|                       | Each    | Dozen  | Dozen by Express |
|-----------------------|---------|--------|------------------|
| Extra large bulbs..   | 35 cts. | \$3.50 | \$2.75           |
| First size bulbs. . . | 20 cts. | 2.00   | 1.50             |
| Second size bulbs.    | 10 cts. | 1.00   | .75              |

## CALLAS

**Ethiopica.** This is the well known and ever popular White Calla Lily whose chaste, waxen beauty has lent itself for generations to typify purity and sacredness. There is nothing to take its place in decorations for church functions, and its presence in the home is ever an inspiration. 25 cts.

**Elliotiana.** Leaves dark green with creamy white spots; flowers a richly lustrous golden yellow. 25 cts.; \$2.50 per dozen.

**The Godfrey Everblooming Calla.** (New.) Flowers as large as the largest and outbloom the others three to one; pure white. Plant dwarf and compact. 20 cts. each; \$2.00 per dozen.



Spotted Calla

**Spotted.** (Richardia Maculata.) Pure white, shaded violet inside. The leaves are beautifully spotted yellow and creamy white, making a handsome plant. Should be kept dry in winter and started in April. 15 cts. each; \$1.50 per dozen.



# CANNAS



Of all summer bedding plants, Cannas are the tallest and bulkiest, and furnish the widest range of colors. Their foliage is of noble proportions, making a full compact mass which serves to conceal the ground or background, and is of itself attractive in rich shades of green, bronze, red and chocolate. The surmounting flower trusses are uniformly large and free, brilliant with most of the colors and combinations known among flowers.

Massed plantings in one color are recommended as being most effective; but many beautiful and striking combinations of colors may be arranged.

## PLANTING DIRECTIONS

**Soil, etc.** Cannas will grow in any kind of soil and most any location, but to obtain fullest development and reward, they should be given an open, sunny location and the soil enriched with well-decayed manure. Dig up about two feet deep, and at all times give plenty of water.

**For bedding.** Cannas should be planted no less than 18 inches apart each way; starting outer rows 9 inches inside margin of bed. Thus the planting radius of a 6 ft. circle, for outside row is 27 inches. In circular beds, the tallest variety should occupy the center, the medium heights next, finishing with a dwarf kind for the outside row. By consulting our descriptions, varieties may be selected according to desired heights, which range from 2½ to 8 feet.

**Formula** for computing number of plants in each row of a circular bed: Radius (in inches) x 64 ÷ 18 = plants. Each interior row requires 6 plants less than the next larger circle. Compute and always plant outer row first. (See planting table on page 57).

## SPECIAL OFFER FOR

## FOUR CIRCULAR CANNA BEDS

Prices applicable to special beds A, B, C or D, only

| 6 Feet             | 8 Feet             | 10 Feet             |
|--------------------|--------------------|---------------------|
| Center..... 1      | Center..... 1      | Center & 1st row. 6 |
| 1st row..... 2     | 1st row..... 8     | 2nd row..... 12     |
| 2nd row..... 10    | 2nd row..... 14    | 3d row..... 18      |
| Total plants... 13 | Total plants... 23 | Total plants... 36  |
| Price \$1.60 net.  | Price \$3.00 net.  | Price \$5.00 net.   |

By express. Purchaser paying charges.

### CANNA BED "A"

Center... Wintzer's Colossal... Red  
Two... Jane Addams... Yellow  
Three... Julius Koch... Crimson

### CANNA BED "B"

Center... Favorite... Yellow  
Two... King Humbert... Red  
Three... M. Washington... Pink

### CANNA BED "C"

Center... Queen Helen... Yellow  
Two... Meteor... Red  
Three... Wm. Greisinger... Yellow

### CANNA BED "D"

Center... Remarkable... Red  
Two... Long Branch... Gilt Edge  
Three... Prince Wied... Crimson

# CANNA NOVELTY SECTION

Several varieties are making their first appearance in our catalog, but we are continuing in this section most of the kinds offered as novelties last year. **Unless otherwise noted, all varieties have green foliage.**

**City of Portland.** Distinct among the several really worth while pink Cannas. Derived from "Mrs. Alfred Conard," this new variety is a deeper, warmer pink, holding its tone through both hot and cool weather. The great, full-petaled trusses are borne very freely on heavy stalks, and make a wonderful show throughout the season. 3½ feet. 50 cts. each; \$5.00 per dozen.

**Eureka.** With the advent of Eureka, we are granted good, full-trusses; broad petals; uniform, free and continuous bloom, and a clean, waxy, lily-white color. Plant growth sturdy, with nice foliage. 4½ feet. 40 cts.; \$4.00 per dozen.

**Favorite.** Rich, deep, golden yellow just piquantly freckled, a golden mass of bloom throughout the season. Tall up-standing stalks and attractive foliage. 5 feet. 25 cts.; \$2.50 per dozen.

**Fiery Cross.** This new variety is one of the most successful flaming reds obtainable in the taller growing kinds. The foliage is full and healthy, a rich bluish green; plant and flower spikes attaining a height of 5 to 6 feet. Flowers large, 15 to 20 showing at one time. Color crimson scarlet. 75 cts. each; \$7.00 per dozen.

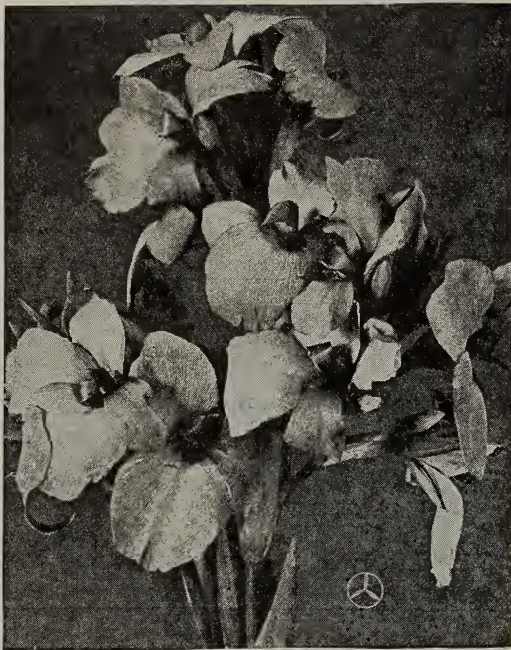
**Firebird.** A magnificent red Canna, the trusses being very large, compact, distinctive, with nicely rounded petals 2½ inches and more wide. Stalks are firm and upright, bearing their burdens well above the foliage. The color is fast; *absolutely pure scarlet*, with no suffusion, streaks or blotches whatsoever. Height 3 to 4 feet. 20 cts. each; \$2.00 per doz.

**Francis Bertie.** An unusually pretty shade of carmine or cerise. Flowers large, perfectly formed and freely produced. 3 to 3½ feet. 20 cts. each; \$2.00 per dozen.

**Goldbird.** Each broad floret unfolds a lustrous mellow gold. With many yellow flowers, the bleaching process of maturity lessens their effectiveness; in "Goldbird" the cream and white of yesterday mingling with the fluted petals of today's new gold, create an exquisite combination of soft tones hardly equalled by any solid color. 4 feet. Started plants after May 1st, 35 cts. each; \$3.50 doz.



"Two Birds of a Feather"

**CANNA NOVELTY SECTION (Continued)****Golden Gate**

**Golden Gate.** A charming parti-colored variety which opens pure gold; but soon becomes markedly rayed with orange, rose and apricot emanating from a deep carmine throat. 4 feet. 30 cts. each; \$3.00 per dozen.

**Graf M. Tolstoi.** Long, narrow, upstanding foliage; rich bronze, sharply ribbed with maroon. Velvety crimson flowers mottled darker, in good sized heads. 4 feet. 25 cts. each; \$2.50 per dozen.

**Morning Glow.** One of those delightful combinations of soft color tones which so emphasize resemblance to the Lily. The well-mounted flowers of this new variety are an exquisite shell-pink, mottled at center with orange-red. No less attractive are the graceful leaves of olive green, heavily veined with bronze. 4 feet. Started plants after May 1st, 40 cts. each; \$4.00 per dozen.

**Morning Star.** A colorful effect derived from bordering scarlet with a broad band of yellow. These clusters are large and numerous, borne high above glossy green foliage. 5 feet. Started plants after May 1st, 40 cts. each; \$4.00 per dozen.

**Mrs. Alfred F. Conard.** Splendid broad heads, clean and full petaled; silvered peach pink. 4 feet. 25 cts. each; \$2.50 per dozen.

**Mrs. Woodrow Wilson.** Of robust habit, but medium height, foliage bright green with noticeable veination. Flowers are abundant, with broad, rounded, overlapping petals of great substance and durability. Color, a soft and pleasing shade of crimson pink, showing marked individuality. 4 feet. 50 cts. each; \$5.00 per dozen.

**Nokomis.** Among last year's crop of Canna novelties, no one variety has attracted more attention than this splendid dark-leaved sort derived from Firebird. The handsome foliage is a com-

bination of bronze and emerald green, with a striking vein system. The flowers are large and showy, of silken sheen and texture, richly dark with an unusual crimson color. The sturdy plants attain about five feet. Started plants after May 1st, \$1.00 each.

**Petofi.** White flowers of good form, size and substance; apparently a better type than most of its predecessors in this rare color. 3 feet. 25 cts. each; \$2.50 per dozen.

**Queen Helen ("Yellow King Humbert.")** This is a wonderful new "sport" from King Humbert, bearing the same graceful heartshaped leaves, but richly all-green instead of bronze; the same regal type and immense size of flower, but a brilliant yellow instead of red, and produced much more abundantly. Although the general effect is yellow, each petal is beautifully spotted with red; without question one of the handsomest varieties in this type. 4 to 5 feet. 25 cts. each; \$2.40 per dozen; \$15.00 per 100.

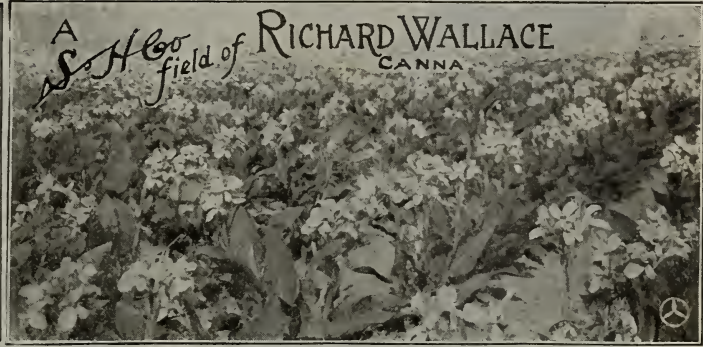
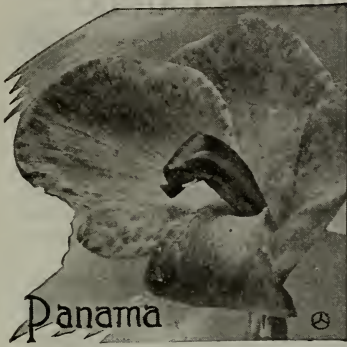
**Remarkable.** A conspicuous new bronze-leaved sort, with glowing spikes of scarlet-carmine flowers. The foliage is richly dark, and the flowers have a deep, velvety appearance even at a distance. 6 feet. 25 cts. each; \$2.50 per dozen.

**Rheinstein.** Distinct, clear, bright carmine. Trusses full and compact. 3 feet. Harmonizes delightfully in association with The Gem, Gold Bird, Golden Gate or Mrs. Kate Deemer. 20 cts. each; \$2.00 per dozen.

**Splendor.** Massive heads of salmon-scarlet. Growth sturdy, but height only about 3 feet. 20 cts. each; \$2.00 per dozen.

**The President.** This magnificent red Canna (introduced in 1918) won the gold medal from the National Department of Horticulture; and in respect for its upstanding character, distinguished attributes and splendor, was fittingly named "The President." The flowers are immense, round, firm—often 7 inches across—of extra good quality and borne in the greatest profusion. The color is unfading, pure, glowing scarlet; foliage rich green. 4 feet. Started plants after May 1st, \$1.00 each; \$10.00 per dozen.

**Queen Helen or "Yellow King Humbert"**



## GENERAL COLLECTION of GREEN LEAVED CANNAS

Unless noted, all varieties under this heading are 15 cts. each, \$1.50 per dozen; by express \$8.00 per 100

**Alphonse Bouvier.** Deep cardinal. 5 to 6 feet.

**Beaute Poitevine.** Bright crimson-scarlet; 3½ to 4 feet.

**Black Prince.** Crimson scarlet, overlaid maroon. 5 feet.

**Buttercup.** A profusely blooming dwarf Canna. of pure "Buttercup" yellow, which for a clear, solid yellow bed, is unsurpassed in its height. 3 feet.

**Crimson Bedder.** Dazzling crimson-scarlet, well displayed above the foliage. This is one of our own hobbies, and has been for years, without exception, our most conspicuous and satisfactory red bedding Canna. 3½ to 4 feet.

**Dagana.** Trusses and individual petals are large and evenly formed; color very bright scarlet, dotted with crimson. 20 cts. each.

**Duke of Marlborough.** Rich crimson-maroon. 5 feet.

**Dwarf Florence Vaughan.** A free flowering, dwarf form of F. Vaughan; yellow and red. 3 feet.

**Eldorado.** Yellow, faintly dotted red. 3½ feet. 20 cts. each; \$2.00 per dozen.

**Flamingo.** Bright orange-scarlet. 4 to 4½ feet.

**Florence Vaughan.** The original "Speckled Canna;" yellow, peppered bright red. 4 feet.

**Garam.** Large, bright carmine-red flowers, distinct in shade and form; a glorified Papa Nardy. 3½ to 4 feet.

**Goethe.** Bronzy orange yellow flowers on long upright stems. Foliage massive, a richly lustrous green. 4½ feet. 25 cts. each; \$2.50 per dozen.

**Hungaria.** This magnificent new pink Canna continues in popularity, and is widely used for large solid beds. The petals are large and waxy, made up into big round, full trusses. Its color forcibly suggests the well known Paul Neyron Rose, and is unquestionably one of the most attractive pink Cannas ever produced. 3½ to 4 feet.

**Jane Addams.** A free flowering variety of bright buttercup-yellow, with a touch of red at the throat. 4½ feet. 20 cts. each; \$2.00 per dozen.

**Julius Koch.** Dwarf, stocky growth; broad heads of well rounded flowers, brilliant blood red. 3 feet.

**Karl Kirsten.** A good, tall growing sort for center planting, 5½ to 6 feet high, with green foliage and numerous medium sized flowers of poppy red. This particular shade is entirely distinct; and in conjunction with the golden throat, presents a combination of startling beauty. 20 cts. each; \$2.00 per dozen.

**Kate F. Deemer.** A showy sort of variable color; a rich yellow when first opened, but bleaching to almost pure white at the ends and developing a conspicuous scarlet throat. 5 feet.

**Long Branch.** Flowers bright crimson, with irregularly dotted border of yellow; similar to Queen Charlotte, but larger. This is one of the very best variegated sorts. 5 feet. 20 cts. each; \$2.00 per dozen.

**Mad. Crozy.** Gilt edged, rosy scarlet. 3½ feet.

**Martha Washington.** A compact, dwarf bedding Canna with a fine show of wide flower heads; color deep brilliant rose. 3 feet.

**Mascagni.** Very robust growth, but only 4 feet high. Brilliant orange scarlet flowers borne freely in immense trusses. 25 cts. each; \$2.50 per dozen.

**Meteor.** Immense heads of large, rounded flowers well displayed above the foliage; brilliant crimson. Flowers keep well and are self-cleaning. 4 feet. 20 cts. each; \$2.00 per dozen.

**Orange Bedder.** Bright orange with just enough scarlet suffusion to accentuate the orange brilliance. ("Tango tints.") 4 feet. 25 cts. each; \$2.50 per dozen.

**Panama.** (New.) Dull red overlaid old rose, edged and slightly mottled with gold; under side of petals creamy yellow with a heavily mottled border of red. This unique "Butterfly" effect captivates the ladies on sight. 3 feet. 20 cts. each; \$2.00 per dozen.

**Papa Nardy.** Nicely rounded heads; a lively carmine rose. 4 feet.

**Prince Wied.** Medium sized flowers made up into unusually large trusses, rich deep crimson; fine bedder. 4 feet.

**Queen Charlotte.** Makes a gorgeous display in masses. Color, a wide, ragged band of yellow bordering a center of scarlet suffused carmine. 3½ feet.

**Richard Wallace.** A tall growing, wide flowered, heavy trussed canary yellow—the largest and best of its color; bleaches very little. 5 feet.

**Rosea Gigantea.** Giant flowers of soft rose to carmine pink. 3½ feet. 20 cts. each; \$2.00 per dozen.

**Souv. de Antoine Crozy.** Rich crimson-scarlet bordered with golden yellow. 3½ feet.

**Wilhelm Greisinger.** Full spikes and well opened flowers of bright yellow, thickly studded with scarlet. The center petal is all red, the lower petal red broken up throughout by wavy threads of gold. 3 to 4 feet.

Unless noted, 15 cts. each; \$1.50 per dozen. By express, \$8.00 per 100.



## GIANT ORCHID-FLOWERED or ITALIAN CANNAS

A distinct race of Cannas noted for the immense size of their Orchid-like flowers—often 5 to 6 inches across. All of these varieties are tall and stately, with glossy leaves. Used largely for high backgrounds and to center large beds. Their foliage is massive and abundant and their vigorous roots throw up more stalks than any other class, the flowers being of largest size, although of delicate texture.

**Burbank.** Very rooty and vigorous; color lemon-yellow, thickly spotted in the throat with scarlet. 6 feet.

**Indiana.** Soft orange lightened by flecks of gold, penciled and slightly margined with deep rose. 6 feet.

**Italia.** Great crinkly petals of clear yellow, irregularly overlaid with varied shades of orange-scarlet. 5 feet.

**Louisiana.** Soft, glowing scarlet, with orange throat markings. 6 feet. Darkest red we offer in the tall Italians.

## DARK FOLIAGE CANNAS

**David Harum.** Foliage dark, glossy bronze and plum; flowers orange-scarlet spotted vermilion. 4 feet.

**King Humbert.** The grandest Canna ever offered. Large, heart-shaped leaves of purple madder brown over bronze, the dark ribs sharply defined, crowned with immense heads of Orchid-like flowers. Individual petals are of the largest size; velvety orange-scarlet flecked carmine; rose tinted at margin and base. 4 to 4½ feet. 20 cts. each; \$2.00 per dozen. By express, \$10.00 per 100.

**Montreal.** Almost identical in foliage and character with King Humbert, having equally large flowers, but differing in color. Montreal is considerably darker—a pure vermilion scarlet. 4 feet. 20 cts. each; \$2.00 per dozen.

**Mrs. Geo. A. Strohlein.** Good sized flowers and trusses of crimson-red, foliage irregularly overlaid with dark chocolate bronze. 4 to 5 feet.

**Prof. Romberg.** Good bronze foliage and bushy growth. 3½ to 4 feet. Flowers in large trusses of fiery red.

**Rubin.** Very dark foliage, surmounted by shapely trusses of large flowers; intense ruby-red. 4 feet.

**William Saunders.** Handsome dark bronze foliage with mammoth clusters of large flowers, bright scarlet with a shiny silver tinge at the base of each petal. 4 to 5 feet. 20 cts.; \$2.00 per dozen.

Unless noted, 15 cts. each; \$1.50 per dozen. By express, \$8.00 per 100.

**Mrs. Carl Kelsey.** A beautiful suffusion of scarlet, rose and gold.

Early blooming, with good sized flowers; and handsome green foliage, edged purple. 6 to 7 feet. 20 cts. each; \$2.00 per dozen.

**Mrs. Kate Gray.** A large flowered sort, of fine form and substance. Color, a deep orange delicately shaded with carmine; distinct dotted yellow throat. 6 feet.

**Wintzer's Colossal.** Without doubt the largest flowered Canna to date, over 8 inches across. Strikingly vivid scarlet that retains its brilliancy. 5 feet. 25 cts. each; \$2.50 per dozen.

Unless noted, 15 cts. each; \$1.50 per dozen. By express, \$8.00 per 100.

## CARNATIONS

Carnation plants should be repotted whenever there is indication of their becoming pot-bound. Transplanted into the garden after all danger of frosts is over, and given at least 12 inches of space, with good soil and cultivation, these plants should furnish abundant bloom from July until late Fall or may be kept "pinched back" to retard bloom, potted up at approach of frost and brought inside for winter blooming.

**Aviator.** A new variety of good substance and bright scarlet color; early.

**Benora.** A handsome variegated sort; white, irregularly streaked with red. Flowers are large and clear cut, and last as long as any variety known.

**Cottage Maid.** A charming light pink form of Mrs. C. W. Ward. Color never fades, but deepens in spring and fall.

**Enchantress.** The standard shade of shell-pink, by which all other light pinks are measured.

**Enchantress Supreme.** A light salmon-pink which does not bleach in the full sun, and is not so liable to split as the Enchantress it improves.

**Matchless.** A large, pure white, long stemmed and free-blooming. The petals are attractively fringed and the perfume delightful.

**Mrs. C. E. Akehurst.** Free and fragrant; flowers of perfect form and substance with broad petals and an average width of 3 to 3½ inches; clear rose pink.

**Mrs. C. W. Ward.** One of the very good deep pink sorts, of attractive size and form, very free blooming and strongly scented.

**The Herald.** Bold, intense scarlet.

**White Enchantress.** Pure white; like its parent. 15 cts. each; \$1.50 per dozen; \$8.00 per 100.

## CESTRUM PARQUI

(Night Blooming Jasmine)

A much esteemed summer bedding plant, with waxy dark green leaves and open panicles of tubular, creamy-white flowers. Although inodorous during the day, they fill the whole garden with fragrance at night, 20 cts. each; \$2.00 per dozen.



# CHRYSANTHEMUMS



A small percent of the great number of varieties in Chrysanthemums are hardy and will survive the rigors of winter when left in the ground; a larger percent may be usually depended upon if given protection; but the majority of them must be kept inside during the winter.

To those who are fortunate enough to have conservatories, there is no restriction of opportunity. The magnificent, large flowered, fancy sorts may be forced and developed to the highest state of perfection; furnishing the grower and owner alike with the keen delights of devotion to beauty, and constructive rivalry with kindred enthusiasts. It is an absorbing game, played with a subject second only to the Rose.

The average householder, however, must depend upon his garden for the 'Mum show; and is naturally limited to the Earlies, Mid-seasons, Pompons, etc., which will bloom freely during the fall, and before winter sets in. The Pompon and Single types particularly, make charming potted specimens for the house during early winter. All types may be carried successfully in pots until planting time.

## EARLY FLOWERING VARIETIES

While ordinarily not so large flowered as some of the later varieties, this class of 'Mums gives the best satisfaction for garden culture, and may be relied upon for bloom.

**Advance.** Pure white when fully expanded, showing a creamy center when semi-developed. This is the earliest large white variety known.  
**Clementine Touse.** (Early Chadwick.) Largest white in the early flowering class.

**Early Frost.** One of the most perfect and free blooming of the very early pure whites.

**Early Snow.** Very early; pure white.

**Golden Glow.** Golden-yellow of velvety finish. One of the earliest and best.

**Golden Salamon.** A magnificent deep golden yellow with large bloom and vigorous growth.

**Ivory.** Flowers pure white, of exquisite form.

**Monrovia.** One of the very earliest; deep yellow.

**Pacific Supreme.** A fine deep pink seedling of Glory of the Pacific.

**Polly Rose.** Extremely early, pure white.

**Robt. Halliday.** Large, broad petaled yellow, of graceful form. A leader in its color.

**Yellow Queen.** A new variety of great beauty, with perfectly incurved petalage in heads about six inches in diameter; deep rich yellow.

Unless noted, 15 cts. each; 12, our choice, \$1.00; by express, \$6.00 per 100.

## MID-SEASON 'MUMS

**A. J. Balfour.** Broad petals of great substance; dazzling rose pink.

**Chieftain.** Globular, incurved, full and round; an admirable rose-pink color.

**Chrysolora.** Yellow, midway in shade between Col. Appleton and Major Bonnaillon.

**Col. D. Appleton.** Very large, deep golden yellow, flower of fine finish and form.

**Mrs. C. C. Pollworth.** Derived from *Chrysolora*,

showing similar shade of yellow color, with stiffer stems and better foliage. 20 cts. each; \$2.00 per dozen.

**Mrs. M. R. Morgan.** A new "sport" and improved form of Yellow Eaton, superior in the matter of its center which is full and rounded, and its wondrous depth of golden yellow color. 20 cts. each; \$2.00 dozen.

**Mrs. Wm. H. Chadwick.** A very broad variety, with incurved petals of white, slightly tinted blush.

**Oconto.** A beautiful white Japanese type, of large size and perfect ball shape.

**Pink Chadwick.** A beautiful pink shade in the fine Chadwick type.

**Richmond.** A new golden yellow; noticeable for its long blooming season, fine form, perfect fullness and silky finish. 20 cts.; \$2.00 dozen.

**Roman Gold.** A beautiful incurved sort; darker yellow than Golden Wedding.

**Smith's Sensation.** Very large, incurved form; delicate cameo pink.

**White Chieftain.** A perfect ball of compact petals; one of the most dependable white 'Mums of its type for late October bloom.

**Yellow Chadwick.** A good clear yellow form.

Unless noted, 15 cts. each; 12, our choice, \$1.00; by express, \$6.00 per 100.

## LATE VARIETIES

**Golden Chadwick.** One of the very best yellows; deep in color and perfectly formed. 20 cts.

**Intensity.** Brilliant crimson; petals reflexed.

**Major Bonnaillon.** The yellow for all purposes.

**Maud Dean.** Probably the most popular large pink.

**White Cloud.** A Japanese type, rather loose-petaled; pure white with creamy center.

**White Maud Dean.** Just like its parent, but pure white.

Unless noted, 15 cts. each; 12, our choice, \$1.00; by express, \$6.00 per 100.



Advance



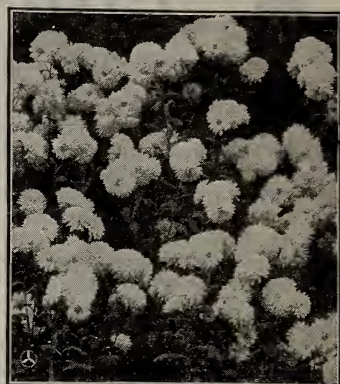
Col. D. Appleton



White Chieftain



Elkton



Lilian Doty

## POMPON CHRYSANTHEMUMS

From being a comparatively insignificant section of the Chrysanthemum family, this class during the past few years has leaped into prominence and given the gardening world a wealth of new varieties, beautiful in form and exquisitely colored. While not all varieties are entirely hardy, their inexpensiveness makes a liberal planting worth while even for but one fall show. As pot-plants, the Pompons are in every way satisfactory and furnish some of the daintiest table decorations of the fall and winter season.

**Alena.** Good sized, beautiful daybreak pink, always pretty and dependable.

**Ashbury.** Lilaceous pink. One of the earliest, freest and showiest.

**The Baby 'Mum.** Smallest and prettiest of the Pompons; bright golden yellow; the individual flower being one-half to five-eighths of an inch in diameter, quilled. Perfect pot plant, also valuable for cut sprays.

**Baby Margaret.** A trifle smaller than the yellow "Baby," equally free. Pure white.

**Delphine Dodge.** Small flowered but full sprayed; light pink with noticeably deeper center. 20 cts. each; \$2.00 per dozen.

**Donald.** Light pink button.

**Doris.** Reddish bronze; button type, very attractive.

**Eleganta.** Pale pink.

**Elkton.** Very compact, multi-petaled flowers of dollar size, borne in the greatest profusion; bluish white slightly tinged lavender. One of the most charming Pompons.

**Elva.** Pure white, full and fluffy.

**Eugene Langaulet.** (Anemone.) Large button center with outer fringe of numerous short wide petals, making a very novel and attractive Anemone effect. Color, rich golden yellow.

**Excelsior.** Bright orange yellow. Very free.

**Gallia.** Light rosy pink.

**Golden Harvest.** Medium sized buttons of an attractive and very popular shade; deep, golden yellow touched with bronze.

**Hijos.** Primrose pink; exquisitely pretty.

**Iva.** Pure amber; fringed petals.

**Julie Lagravere.** Deep red, late. Best of the reds.

**Kittie Bourne.** (Anemone type.) Charming shade of yellow.

**Lilian Doty.** Beautifully formed shell-pink flowers in abundance, on erect stems. Early.

**Little Bob.** Small reddish-brown flowers; very free.

**Little Pet.** Small, bright rosy-crimson.

**Mariana.** Pure white, in fine sprays for bunching  
**Rufus.** Crimson maroon. 15 cts. each; \$1.50 dozen.

**Skibo.** Hardy, early flowering golden button. 15 cts. each; \$1.25 per dozen.

**Viola.** Deep violet, very showy and distinct.

**Wm. Sobey.** Tall growing; flattish flowers canary yellow.  
Unless noted, 10 cts. each; \$1.00 per dozen;  
by express, \$4.50 per 100.



Mrs. Whitehorn (See page 69)

## GRANDMOTHER'S HARDY GARDEN 'MUMS

The fragrant, reliable, old fashioned Chrysanthemums that reigned supreme in the garden corners and alongside the house, in our grandmother's home.

**Hardy Red,  
Hardy Pink,**

**Hardy White,  
Hardy Yellow.**

10 cts. each; 10 for 50 cts. By express, \$4.50 per 100.

**Priscilla**

## SINGLE CHRYSANTHEMUMS

A very useful and satisfactory class which has been wonderfully developed during the last few years; becoming popular on account of their grace and beauty, their hardiness, ease of cultivation, and unusual color combinations. They generally run small in size, but are brilliantly colored and uniquely marked.

**Ceddie Mason.** Velvety bright red.

**Cinderella.** Clear dark pink; two full rows of petals.

**Provence**

**Gipsy.** Clear yellow center, surrounded by a triple row of petals, yellow tinged salmon; very novel and striking.

**Hilda Wells.** A beautiful Tuscan red, shaded yellow at base of petals.

**Ladysmith.** Earliest of the singles, and an ideal pot plant. Deep rose-pink, with golden eye.

**Mary Richardson.** Reddish-salmon, beautiful and distinct.

**Mrs. E. Roberts.** Very large, blush.

**Mrs. Whitehorn.** Salmon terra-cotta; midseason bloom.

**Pink Beauty.** Large Anemone-shaped; earliest rose pink. One of the daintiest in the list.

**Priscilla.** Tall, sturdy grower, strong stemmed, free blooming; flowers very clear, light, rose pink.

**Red Riding Hood.** Brilliant crimson flowers of good size, with conspicuous golden center, fully developed in October. Splendid for cut sprays, one of the best garden sorts.

**Sweetness.** Small, daisy-like yellow flowers.

**Wenonah.** Beautiful silvery bronze; one of the finest early singles.

Unless noted, 15 cts. each; \$1.25 per dozen.

## HARDY EARLY FLOWERING CHRYSANTHEMUMS

Any of the garden grown Chrysanthemums are delightful and valuable accessories of the fall display, filling gloriously a dearth of bloom from other sources just after the first October frosts; but those varieties which will resist frosts and winter-kill are doubly valuable and acceptable. The following list embraces sorts which have been carefully tested for hardiness, and have proven generally dependable in the Northern states, with slight protection.

**Cranford's Yellow.** Tall growing, rather late bloom. Large flowers of pure yellow.

**Cranford's White.** Pure white inside, slightly blushed outdoors.

**L'Argentuillais.** Full petaled, formal flowers of rich beauty; deep chestnut color.

**Glory of Seven Oaks.** ("The Everblooming Hardy 'Mum.") This is a good sized, bright, pretty yellow which commences to bloom in midsummer and continues until late fall.

**Normandie.** Dwarf; medium sized flowers of delicate pink.

**Provence.** Large flowered, medium height. Bright pink with golden points.

**Skibo.** Golden button; only true Pompon in this class. Immensely productive, showy, and long lasting.

**Yellow Normandie.** Dwarf, bushy growth; well furnished with brilliant yellow flowers. 20 cts. each; \$2.00 per dozen.

Unless noted, 15 cts. each; \$1.25 per dozen.



## CLERODENDRON BALFOURI

A unique, beautiful climbing plant, having bright, scarlet flowers with creamy white calyx. A profuse bloomer, young plants a foot high often bearing several clusters. A strong, rapid grower; can be grown with success in the house or in the garden. 20 cts.

## COBEA SCANDENS



One of the most rapid growing climbing plants in cultivation; grows from 20 to 25 feet high and bears beautiful deep blue bell-shaped flowers. For covering porches, trellises or arbors it has no equal and should be more generally planted. 15 cts. each; \$1.25 per doz.

## COLEUS



Broad-leaved, bushy foliage plants which are unmatched for brilliancy and unique arrangement of colors. Some of the fancier sorts are painted in designs as indescribable as the traceries of frost. The more solid colors, such as Verschaffelti, Golden Crown, Beckwith's Gem, etc., are in most general use for large bedding schemes, and are invaluable as borders.

**Alhambra.** Rounded, deeply frilled leaves of liver-black, blotched and sharply edged deep green. 15 cts. each; \$1.25 per dozen.

**Beckwith's Gem.** Large leaves of heavy texture, and finely scalloped edges. Center is dark velvety maroon, bordered fiery red; the edge green, changing to creamy yellow at the point of the leaf.

**Bonnie.** Large, yellowish green leaves brindled with dark red. Very striking. 15 cts.; \$1.25 per dozen.

**Cecil Brown.** (Trailing Queen.) One of the most attractive for close bedding, boxes and hanging baskets ever introduced. Rather small escalloped leaves of dark green, evenly checked with curving maroon lines; the wedge-shaped center gay with magenta and cream.

**Chameleon.** Long, deeply cleft leaves of light green, mottled with wine-color and maroon.

**Crescent.** Beautiful pointed leaves edged Nile green, but mainly a velvety red-maroon with a center wedge of crimson pink.

**Daytonia.** Yellow and green, with varying red-brown center.

**Defiance.** Long, lanceolate leaves of brown-red with an evenly beaded border, the outer third a bright greenish yellow. 20 cts. each; \$1.50 per dozen.

**Fire-brand.** Broad leaves of red-maroon with a violet over-cast, the small 'scalloped edges touched with green.

**Glory of Autumn.** The most vivid autumnal colorings in great variety on every plant, each leaf defined by a heavy beaded border of apple green.

**Golden Crown.** Excellent bedder, bright yellow.

**Her Majesty.** Rich, warm red-brown without a blemish, confined within a beaded edge of gold.

**Mrs. Hayes.** Stems dark; leaves smooth, with fine saw toothed black edge, light green sparsely blotched black and white.

**Queen of the West.** A center wedge of creamy white bordered green; the whole margined yellow and blotched carmine and maroon. 15 cts. each; \$1.25 per dozen.

**Rob Roy.** Reds and browns over green, with yellowish edges. 15 cts. each; \$1.50 per dozen.

**Sensation.** Large leaf; velvety wine-maroon, streaked and veined carmine. One of the best dark varieties. 15 cts. each; \$1.50 per dozen.

**Success.** Rough, crimped leaves; with carmine-pink and cream center, and irregular green border. 15 cts. each; \$1.25 per dozen.

**Verschaffelti.** Rich, velvety crimson. The best dark sort of all for bedding.

Unless noted, 10 cts. each; \$1.00 per dozen; by express, \$6.00 per 100.

## CROTONS

Excellent decorative plants, gorgeously colored with different combinations of yellow, red, white and green. They are very easily grown, do well in any warm conservatory or window, and are particularly valuable for bedding out in summer. 3 inch pots, 35 cts.; 4 inch pots, 60 cts.

### CUPHEA TRICOLOR (Cigar Plant)

A bushy plant about 15 inches high, bearing great numbers of narrow tubular flowers, bright scarlet, with purple and white tips. Good for bedding or baskets. 15 cts.; \$1.25 per dozen.

### CYPERUS ALTERNIFOLIUS (Umbrella Plant)



A semi-aquatic plant, throwing up stems two to three feet high, surmounted at the top with a whorl of leaves. An excellent plant for growing in water or damp soil. 20 cts. each; 4 inch pots, 35 cts.



# DAHLIAS



**Countess of Lonsdale**



**Marguerite Bouchon**

Spring is beautified by the Peony, summer would seem barren without the Rose; in like manner, we have come to expect of autumn—the Dahlia. The great number of more or less distinct varieties which cumber the Dahlia catalogs is bewildering. We are trying to keep our lists down to a reasonable selection from the established varieties we know, and what we deem the best of the new introductions.

**CULTURE, Etc.** Dahlias are not particular as to the soil or location. Although maximum growth and bloom re-

ward the full sun, some of the stronger sorts develop most perfect specimens in partial shade; and localities with a moist atmosphere or dewy nights are apt to give better results than a drier air. A judicious use of fertilizer is always beneficial, but too much causes profuse foliage and stem at the expense of bloom. Frequent cultivation prior to their blooming season is absolutely essential to success. Time for planting varies according to climate, but is generally safe after all danger of late frosts is past. Tubers should be planted about 6 inches deep, laid flat, eyes or sprout up. Although good, lively tubers are apt to produce more stalks, started plants are more sure of development, and give practically an equal amount of bloom. **We send out tubers until supply is exhausted, after which orders are filled with started plants at the same price.**

## CACTUS DAHLIAS

Characterized by long, narrow, pointed, tubular and twisted petals of graded lengths, giving the layered flowers a very striking and attractive appearance. This class presents probably the most striking general appearance, and its varieties are always among the most popularly sought.

**Brunhilde.** A handsome violet-purple; wide, loose, recurved and somewhat twisted petals.

**Countess of Lonsdale.** An old and very popular variety. Longest season and freest bloom of any Cactus type; flowers very large, complete and perfect. Color, an exquisite warm blending of amber and salmon-pink.

**Else.** A charming new variety with a combination of delicate colors; buttercup yellow at base, gradually passing to amber, finished with a tip of Tyrian rose.

**Flora.** A splendid, heavy white cut flower.

**Floradora.** Early and free flowering. Rich mahogany red, even darker at center.

**Gen. French.** A bold, upright effect in the field; furnishing abundant cut-blooms on long, firm stems. Flowers full and regular, a warm orange terra-cotta.

**Gottersink.** Twisted petals in full, good sized flowers; deep red. 20 cts. each.

**Keynes White.** Creamy white.

**Libellule.** Exceptionally well formed and free flowering; sulphur yellow, shaded with capucine red.

**Lord Minto.** Full, symmetrical flowers, with long tubular petals cleft at the tips. Center pale yellow, passing to rosy salmon at the ends. 20 cts. each; \$2.00 per dozen.

**Lovely.** Delicate rose-violet, with creamy white shadings. 20 cts. each; \$2.00 per dozen.



**Gen. French**

## Marguerite Bouchon.

One of the largest Cactus Dahlias grown, and unquestionably the finest of all the pinks in this class. Flowers are perfectly shaped, with long, pointed and very numerous petals; a lovely shade of warm pink, lighter at center. 25 cts. each; \$2.50 per dozen.

**Pink Pearl.** A beautiful pink and white variety of perfect Cactus type; the long outer petals being a bright, fresh true pink, with a creamy white center. Stems are of fair length and blooms are quite abundant.

**Pius X.** Medium sized, light yellow. 25 cts.

**Prince of Yellows.** Rather late blooming, but quite showy during a favorable season.

**Rheingau.** (Giant.) Bold, erect, aggressive—its brilliant scarlet flowers are rather flat in shape, about five inches wide, and suggest relationship with the Peony flowered class. 25 cts. each; \$2.50 per dozen.

**Standard Bearer.** Bright, pure scarlet. Flowers large, thick and full to center, of symmetrical and perfectly round form, petals semi-quilled. Extraordinarily productive and one of the best red cut flowers.

**Strahlen Krone.** Very large and full; brilliant cardinal with purple button center and rose reflex.

**Wodan.** (Giant.) A massive sort, often 7 inches in diameter; delicate salmon-rose, shading to old gold at center. 25 cts. each; \$2.50 per dozen.

**Wolfgang von Goethe.** (Giant.) Large, gracefully arranged, perfect flowers; colored a rich apricot with carmine shadings. 20 cts. each; \$2.00 per dozen.

**Unless noted, 15 cts.; \$1.50 per dozen; \$10.00 per 100 by express.**



## DECORATIVE DAHLIAS

This class used to be included with the Cactus type, but is so distinct as to constitute a separate class. The flower is usually large, full but open faced, with long, flat petals. They habitually bloom with great freedom and the individual flowers make a gorgeous display in the field besides furnishing magnificent cut flowers.

**Alice Roosevelt.** Clear waxy white, shaded lilac; one of the earliest sorts, free blooming, long stemmed and valuable for cutting. 30 cts. each.

**Auguste Nonin.** (Giant.) A splendid cutting sort, with long stiff stems and large flowers of fiery red.

**Bonny Blue.** Nature has been lavish in her gift of colors to the Dahlia family, but real blue has ever been conspicuously missing. We are offering for the first time a seedling variety of solid color, the closest to a deep blue we have ever noted. Flowers full and compact, medium size, long stemmed, and free. A very useful cutting sort. 50 cts. each; \$5.00 per dozen.

**Blue Oban.** Medium sized flowers; white, widely bordered lilac-blue. This unique color arrangement is very attractive. 25 cts. each.

**California.** (Giant.) The much prized crimson color of American Beauty Rose; flowers wide, loose-petaled and strongly upheld. 20 cts. each; \$2.00 per dozen.

**Catherine Duer.** Cherry scarlet overlaid with crimson, darker at center; its iridescence is unique and very striking, winning much favor as a cut flower variety. Especially good under artificial light.

**Claribel.** The earliest bright purple, very free flowering and brilliant.

**Clifford W. Bruton.** Very large, loose petaled flowers of canary yellow on long stems; a favorite cutting sort.

**Delice.** One of the best pink Dahlias in any class, very valuable for cutting on account of its firm substance, lasting qualities and good stems. The flowers are full and perfectly formed; a soft rose pink. 20 cts. each; \$2.00 per dozen.

**Diana.** (New.) A good sized, long stemmed, perfect type; flowers numerous and bright; crimson. 25 cts.

**Ed. McCullogh.** Attractive foliage; flowers of good medium size, deep velvety crimson shaded towards center with maroon. 25 cts. each.

**Hortulanus Fiet.** A "giant" decorative with an abundance of broad petals, the whole symmetrical flower averaging 8 inches across. Its exquisite color distribution beggars description; but is roughly a delicate shrimp-pink pointed with gold and faintly clouded with red and yellow tones. 35 cts.; \$3.50 per dozen.

**Jack Rose.** Color, rich crimson-red, with maroon shadings at center.

**J. M. Goodrich.** Salmon tipped primrose. 35 cts.

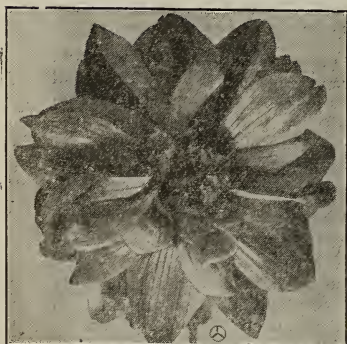
**L'Mandarin.** Medium sized flowers of weirdly oriental suggestion; light cream shading into yellow, with pink tips and bold crimson striping. 20 cts.

**Mad. A. Lumier.** Distinct and showy variegated sort, one of the freest bloomers; semi-double flowers of white, suffused with crimson toward the end of petals, extreme tips a rich violet red. 25 cts. each; \$2.50 per dozen.

**Miss Minnie McCullough.** Very soft yellow, overlaid with bronze; a particularly pleasing color by lamp-light. 20 cts. each.

**Mont Blanc.** Very large creamy white, with unusually broad, flat petals. The finest white cut-flower sort we have. 20 cts. each; \$2.00 per dozen.

**Mrs. Fleers.** An attractive combination of red and rose, in numerous medium sized flowers, giving a general bright pink effect. This is one of the freest blooming varieties, with long serviceable stems. 20 cts. each; \$2.00 per dozen.



Mad. A. Lumier



Mont Blanc



Princess Juliana (Page 73)

**DECORATIVE DAHLIAS** (Continued)

**Mrs. Roosevelt.** One of the daintiest of the "giant" flowered type, with broad flattish flowers which keep well; an exquisite suffusion of white and shell pink. 25 cts.; \$2.50 per dozen.

**Princess Juliana.** Pure, waxy white flowers of better than medium size, and attractive form. One of the most reliable whites for cutting. 20 cts. each; \$2.00 per dozen.

**Thompson.** An improved Catherine Duer, of the same character and iridescent crimson color; but larger, borne face-up on long, stiff stems. 25 cts.; \$2.50 per dozen.

**Virginia Maule.** A charming variety nearly as large as Mrs. Roosevelt, with glistening petals of white, delicately tinted pink. 20 cts.; \$2.00 per dozen.

**Wm. Agnew.** Flowers large, on long, slightly drooping stems; a vivid unshaded red.



**Yellow Colosse.** (Giant.) Solid primrose-yellow; one of the most dependable and satisfying yellow varieties in the decorative class. Flowers of large size, perfect form and liberal production. 35 cts.; \$3.50 per dozen.

Unless noted, 15 cts.; \$1.50 per dozen; \$10.00 per 100 by express.

**"SHOW DAHLIAS" or LARGE DOUBLE FLOWERED**

This type is the most formal and perfect in shape, composed of short, stiff, numerous quills of varying character. They make excellent compact bouquets and usually outlast the other types.

Unless noted, 15 cts. each; \$1.50 per dozen. By express, \$10.00 per 100.

**A. D. Livonia.** Warm rose-pink, perfect flowers, with quilled petals which nearly overlap at the ends.

**Arabella.** Primrose, tipped and shaded old-rose and lavender.

**Black Hussar.** Same as Red Hussar, except its color is glossy black-maroon. 20 cts. each; \$2.00 per dozen.

**Chas. Lanier.** A very perfectly formed, broad flower of deepest yellow; the largest yellow in this class.

**Cuban Giant.** (Giant.) Flowers 6 to 7 inches in diameter, dark, glowing crimson shaded maroon. A tall, strong grower with projecting flower stems. 20 cts.

**Dreer's White.** A somewhat smaller replica of the famous Grand Duke Alexis as to form of flower, but with longer stems and greater freedom. One of the best pure white show Dahlias for cutting.

**Eclipse.** Flowers large and full, crimson-scarlet.

**Eldorado.** Coppery yellow with russet base. Heads are large and loosely recurving.

**Grand Duke Alexis.** (Giant.) Very large and perfect form, with long, thick quills overlapping at the ends. White, slightly tinged and blotched lavender; the most chaste and beautiful of all. 20 cts.; \$2.00 dozen.

**John Thorpe.** Rich, lilaceous pink with creamy base near center. Rather flat flowers very full and evenly quilled, about 5 inches wide.

**John Walker.** Large, pure white.

**Mrs. Wellsley.** White, heavily edged and tipped crimson; a very distinct and striking sort.

**Penelope.** White, flaked lavender about center.

**Princess Victoria.** Large, round fully quilled flowers of perfect form and soft, rich yellow color.

**Queen of Yellows.** Perfect form, solid yellow.

**Red Hussar.** Tall, bushy, upright; with wrinkled highly ornamental foliage. Flowers full, recurved to ball shape, fiery cardinal.

**Snowball.** Perfect ball shaped, full and compact, of large size, and upright. Color blush white.

**Susan.** Extraordinarily free-blooming; with large, shapely flowers long-stemmed and lasting. A very attractive mingling of rose-pink and white. 20 cts.; \$2.00 per dozen.

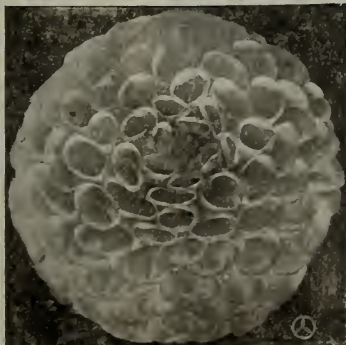
**White Dove.** Good sized, round and compact flowers of glistening white; each petal fringed deeply.

**Yellow Duke.** A free flowering, long stemmed form of Grand Duke; its full quilled blooms of primrose-yellow being exceedingly soft and pretty. 20 cts. each; \$2.00 per dozen.

Unless noted, 15 cts. each; \$1.50 per dozen; \$10.00 per 100 by express.



A. D. Livonia



Chas. Lanier



White Dove



## PEONY FLOWERED DAHLIAS

Tall growing, loose-petaled, large flowered and free blooming. One of their chief advantages over the other types lies in their big, fluffy, aggressive aspect which makes them of great value for landscape use. All varieties are long stemmed, airily graceful and in every way pleasing as cut flowers; while many have those soft, tender shades particularly lovely under artificial light.

**Chatenay.** A most prolific bloomer, with medium sized flowers on strong, erect stems. Color shell-pink and white, slightly gilded at center; named for its resemblance to the famous Chatenay Rose. 35 cts. each; \$3.50 per dozen.

**Cleopatra.** Semi-double; brilliant red, splashed with yellow towards base of petals. Exceptionally free blooming; and the most striking variety in our Dahlia fields last fall. 30 cts. each; \$3.00 per dozen.

**Duchess of Brunswick.** Broad flowers of brilliant red, shaded apricot on under side. 35 cts. each.

**Geisha.** A rich, gorgeous commingling of scarlet and gold; the flowers loosely arranged with wide, curled and twisted petals. This is the most sensational and one of the very best of the class. 50 cts. each; \$5.00 per dozen.

**H. Hornsveid.** A delightfully soft, delicate shade of salmon. 30 cts. each; \$3.00 per dozen.

**Hollandia.** Dark rose, almost a blue. This particular shade is rare in Dahlias.

**King of Autumn.** (New.) Of the giant decorative type, quite full petaled; one of the most delightful yellow combinations ever seen. Over the groundwork of richest yellow is laid shadows of copper, apricot and old gold. Free blooming; long stemmed. \$1.00 each; \$10.00 per dozen.

**Mannheim.** One of the most beautiful Dahlias of any class; large, graceful, long-stemmed, particularly pleasing under artificial light. Soft salmon pink, with a golden overglow. 30 cts.; \$3.00 per doz.

**Paul Kruger.** Three to four rows of petals; creamy white and tan streaked broadly with crimson.

**Queen Wilhelmina.** Immense, fluffy flowers of pure white, with yellow center.

**Souv. de Paris.** Long, wide and gracefully undulated petals in single heads 8 inches across; glistening white.

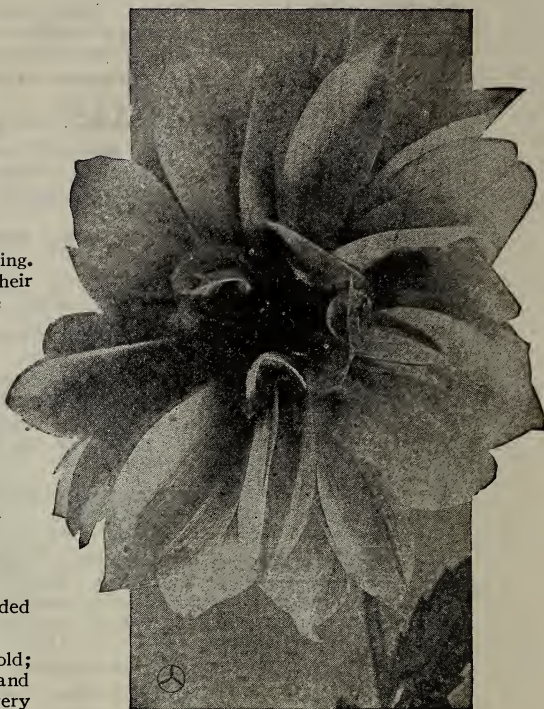
Unless noted, 20 cts. each; \$2.00 per dozen.

## SINGLE DAHLIAS

The Single Dahlias are exceedingly showy, when displayed against or nodding above a background of green. Used freely in large landscape effects, "Wild Fire" in particular making a brave, bright show in masses; a blaze of color all the season.

**Scarlet Century.** Mammoth single flowers of brilliant crimson-scarlet with attractive golden center. 20 cts. each; \$2.00 per dozen.

**Wild Fire.** Growth tall and compact, with ornamental foliage. Flowers are round and close petaled, of fair size; intense scarlet touched at center with gold. 15 cts.; \$1.50 per dozen; \$10.00 per 100 by express.



Mannheim

## POMPON DAHLIAS

Of medium to small size, but firm, compact, and long lasting; invariably with long smooth stems, and blooming with the greatest profusion. Especially good for small bouquets, or dwarf beds.

**Bobby.** Deep plum.

**Catherine.** Rich golden yellow; perfectly double.

**Little Prince.** Bold and striking; from richest crimson-maroon to varying striped combinations of crimson, scarlet and white.

**Little Beauty.** Miniature Livonias; little round, fully quilled balls of pure pink. This variety makes up beautifully in wreaths, sprays or any design requiring a small, dainty flower.

**Miss Lou Kramer.** Yellow, heavily tipped bright crimson, overlaid pink.

**Prince Charming.** Cream, heavily tipped purple.

**Pure Love.** Pure lilac, extra fine form and free.

**Snowclad.** Perfect show type; pure white with a slight lavender pink center.

15 cts. each; \$1.50 per dozen.



Daisy—Mrs. F. Sanders

**PARIS DAISIES**

or "Marguerites"

The Marguerites are a delight in the garden where their conspicuous flowers, and rich green, indented foliage blend harmoniously with other bedding plants. Potted, they carry nicely in bloom through the winter.

**Etoile d'Or.** Light yellow color, growth dwarf and bushy. The best variety for use as a pot plant. 15 cts.; \$1.50 per dozen.

**Mrs. F. Sanders.** A new, double pure white form, very attractive. Practically all flowers come with nicely filled centers, although it varies somewhat like all double Daisies. 20 cts.

**Reve d'Or.** Pretty light yellow flowers with long stems; a charming cut flower variety. 15 cts.; \$1.50 per dozen.

**DRACENAS**

Considered among the best of decorative foliage plants, and are largely used for conservatory and house adornment. They should be given a light fibrous soil with good drainage, liberal watering with frequent showers; and to ensure the greatest development of color, let them have all the sunshine available.

**Godseffiana.** Peculiarly marked foliage of a rich, dark green color thickly spotted with irregularly shaped dots of creamy white. 35 cts.

**Indivisa.** This is the best known sort; with graceful, slender, arching, numerous green leaves. For many years the leading variety of center-plant for vase and window box work. 2½ inch, 20 cts.;

**Dracena Indivisa**

3 inch, 30 cts.; 4 inch, 35 cts. By express, 5 inch, 75 cts.; 6 inch, \$1.00.

**Massangeana.** Broad green leaves, striped with varying shades of yellow. 6 inch pots, \$1.50 each.

**Sanderiana.** An upright, stocky variety with alternating lanceolate leaves of dark green prettily variegated with creamy white stripes. 35 cts.

**Terminalis.** Leaves rather long and pointed, deep bronze, coloring richly to crimson, marked with pink and green and occasionally streaked with white. Although like all self-coloring foliage, this variety has its dull aspects, sunshine, warmth and the evolutions of its normal seasons produce a brilliancy of coloring seldom attained by any other decorative house plant. 35 cts.; larger by express, 75 cts. and \$1.00.

**EUCHARIS AMAZONICA**

"Lily of the Amazon"

A splendid plant for the conservatory, producing many choice cutflowers during a season. Flowers are star-shaped, about four inches across, and delightfully fragrant; pure, waxy white. 35 cts. each; \$3.50 per dozen.

**EUONYMUS**

**"Silver Edge."** A splendid addition to the list of variegated decorative plants; of erect, shrubby character and with a liberal amount of foliage. Leaves are rather thick and rubbery; bright green sharply edged with white. 3 inch pot plants, 25 cts. 4 inch pots — 8 to 10 inches high — 50 cts. By express, 5 inch pots — 15 to 18 inches high — \$1.25.

**Japonica Argentea.** Foliage somewhat rounder and larger than the preceding sort, with a large per cent of surface covered with creamy white. This type is extremely bright and attractive, of great value for contrasting. 2½ inch pots, 25 cts. 3 inch pots — 6 to 8 inches high — 50 cts.



Boston Fern

## FERNS

No foliage plant that grows presents so many varied charms, or is so practical for all general house, table, floral or window decoration as the Fern. Most varieties love the sun, and thrive to best advantage if located near the sunniest window, and occasionally turned. A dutiful attention to watering and general condition will be well repaid.

A selected list of the most practicable varieties, which may be safely trusted to meet all requirements.

### NEPHROLEPIS

**Bostoniensis.** (Boston Fern.) Fully matured fronds attain a length of 4 to 5 feet. 2½-inch pots 15 cts.

**By Express:**

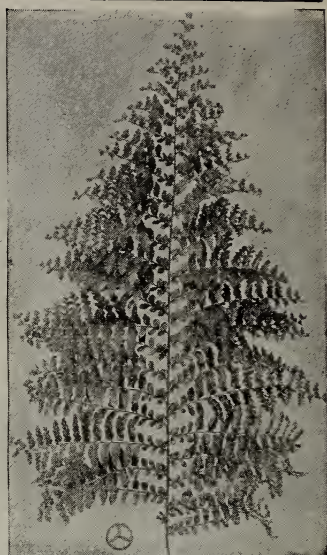
4-inch pots 40 cts., 5-inch pots 60 cts., 6-inch pots \$1.00, 8-inch pots \$1.50.



Bird's Nest Fern



Scholzei



Verona

**"Teddy Jr."** (Dwarf Roosevelt.) A new dwarf form of the popular Roosevelt Fern; a grand compact grower, making splendid specimens in medium size plants. 2½-inch pots, 20 cts. By express, 4-inch pots, 50 cts.; 5-inch pots, \$1.00; 6-inch pots, \$1.25.

**Scholzei.** (The Plumed Scott Fern.) Short bushy, compact growth combined with a delicate fluffiness of foliage. Even very small plants are models of beauty for table decoration. 2½-inch pots, 20 cts. By express, 4-inch pots, 50 cts.; 5-inch pots, 75 cts.; 6-inch pots, \$1.00.

**Verona.** A handsome new variety of the Elegantissima type, somewhat resembling N. Whitmani, but with finer "Ostrich Plume" foliage, and with a stiffer mid-rib, which makes the fronds stand up better than most varieties of the laceferns. 2½-inch pots, 20 cts.; 3-inch pots, 35 cts. By express, 4-inch pots, 50 cts.; 5-inch pots, \$1.00.

### MISCELLANEOUS FERNS

**Adiantum Cuneatum.** The well-known Maiden Hair Fern. This, with its various newer types, is almost indispensable in the making up of floral pieces and winter bouquets. 2½-inch pots, 20 cts.; 4-inch pots, 35 cts.

**Adiantum Croweanum.** An improved type with more satisfactory habits and larger leaflets. By express only, 4-inch pots, 50 cts.; 5-inch pots (specimen), 75 cts.

**Adiantum Glorie of Mordrecht.** The last word in size, compactness, grace and beauty among all the many charming variations of Maiden Hair. This new type bears leaflets of distinct shape, superlative size, and so numerous as to overlap in pleasing arrangement. Its culture is as easy and practical as the more common sorts. 3-inch pot plants, 50 cts.

**Asplenium Nidus-Avis.** (Bird's Nest Fern.) Broad, banana-like leaves three to nine inches wide and two to four feet long (when fully developed) growing in a crown. Their color is a rich, transparent green, intensified by closely parallel veins, and a prominent midrib of purple-maroon. 2½-inch pots, 20 cts.; 3-inch pots, 35 cts. By express, 4-inch pots, 50 cts.

**Selaginella Emiliana.** (Moss Fern.) A good substitute for Asparagus or Maiden Hair Fern in filling Fern dishes, or for table and house decorating in larger sized pots. Very dwarf and compact. 15 cts. each; 2 for 25 cts.



S. &amp; H. Co. Table Ferns

## SMALL FERNS FOR DISHES

These charming little decorative plants, each of different and distinct form, and representing various shades of green and silver variegation, are especially adapted to use in table jardinières and are indispensable for all inside "ferny" effects.

- Adiantum Cuneatum.** Maiden Hair Fern.  
**Aspidium Tsussimense.** Dwarf and compact plant; short tri-pinnate leaves of the darkest green.  
**Blechnum Braziliensis.** A dwarf form of Tree Fern with large rounded leaves.  
**Cyrtomium Falcatum.** (Holly Fern.) Broad, halbert-shaped leaves of waxy green; always shiny.  
**Pteris Adiantoides.** Good sized leaves in perfect triangle shape; dark green with distinct fine veins.  
**Pteris Argyrea.** (Silver Fern.) One of the most beautiful dish ferns. Evenly pinnate, compound leaves; bright silver with pale green tips.  
**Pteris Cretica Albo-Lineata.** A handsome dwarf growing fern, deep green, striped white.  
**Pteris Magnifica.** Long, wide spread leaves occasionally crested, bright green.  
**Pteris Mayii.** Dwarf variegated sort, ends prettily crested.  
**Pteris Serrulata Cristata Variegata.** Crested ends; distinctly variegated.  
**Pteris Tremula.** (Shooting Fern.) Beautiful fine cut fronds of bright green somewhat resembling Grevillea. Good for centers of ferneries.  
**Pteris Victoria.** Rather dwarf and compact; fronds short but broad-based with numerous pinnae, a decided silver streak down the center of each.  
**Pteris Wilsoni.** One of the finest of all the dish ferns.  
 15 cts. each; \$1.25 per dozen.

## FERN DISH COLLECTION

We will mail 6 plants in 6 varieties of our choice for 60 cts.

## FICUS—THE RUBBER PLANTS



Ficus Elastica

**Elastica.** (India Rubber Tree.) This is the old reliable, thick leaved, substantial house plant which has ever patiently served its purpose, under abuse and neglect. Nothing better for house decoration. Its dark green, shiny foliage is always handsome, and its constitution is such that it is able to stand the excessive heat and dryness of the ordinary dwelling house without injury. 60 cts. each. Large specimens by express, \$1.50 each.

**Repens.** Directly opposed in character to the two large leaved upright growing sorts, this variety is really a creeping or trailing vine. In the South, where it is hardy, it somewhat resembles and takes the place of our Boston Ivy; in the Northern states it is extremely useful and ornamental for covering stone or wooden conservatory walls. 2½ inch pots, 25 cts. each; \$2.50 per dozen. 4 inch pots, 50 cts. each; \$5.00 per dozen.

**Pandurata.** (Majestic Rubber Plant.) The odd construction and mammoth leaves of this new decorative plant make a very striking appearance. The leaves are guitar-shaped with the larger end out, stiffly uprising from the central stalk. They are very thick and rubbery, ten inches wide by fifteen inches long; dark green, with creamy white veins, which on the underside are purple and boldly projecting. The sizes we offer are fine specimens by express, 18 to 20 inches high, \$2.00 each; 24 to 30 inches high, \$3.50.





Single Fuchsia—Speciosa

## FUCHSIAS

These plants were a few years ago among the most highly prized for winter blooming in the ordinary dwellings, and are still largely used. They are also popular for summer beds in partially shaded situations.

**Avalanche.** Golden green foliage and large double flowers with dark purple corolla.

**Black Prince.** Well expanded single flowers of carmine-lake; color of calyx and corolla nearly uniform.

**Duchess of Albany.** Single; deep purple corolla and scarlet sepals.

**Glorie des Marches.** A splendid double variety with thick, leathery tube and sepals of brilliant scarlet, and pure white corolla.

**Little Beauty.** Dwarf growing. A most free-blooming variety, seldom without flowers. Sepals carmine, corolla deep lilac. Single. 20 cts.

**Lord Byron.** A strikingly handsome variety, with calyx of cochineal red, and large, single corolla of deepest violet.

**Mad. Van der Straus.** Double; sepals long and reflexed, pure red; large white corolla.

**Mrs. E. G. Hill.** Sepals bright crimson with large pure white corolla. Perfectly double and very free.

**Speciosa.** A thrifty grower with ornamental foliage, the green leaves showing red veins at the base. Flowers single with pale carmine sepals and deep scarlet corolla.

**Tener.** A fine double, with dark red sepals, and large corolla of brilliant solferino.

**Tri-me-ah.** A new single variety with extra long tube; purple.

**Trophee.** Round, red buds opening into beautiful double deep purple flowers.

**White Beauty.** A charming double variety, very free blooming; white with scarlet sepals.

Unless noted, 15 cts. each; \$1.25 per dozen.

## GERANIUMS

Geraniums are the best known and most extensively used of all bedding plants. The list of varieties we offer is not large but represents the best and most serviceable in the different classes. Single varieties are preceded by a (\*) star.

### IVY LEAVED GERANIUMS

Nothing more desirable for baskets, vases or for any trailing or climbing plant utility.

**Achievement.** Immense semi-double flowers of a distinct and pleasing shade of cerise pink. The foliage is rich in color and of heavy substance; growth dwarf, compact and sturdy.

**Ballade.** Flowers are large and abundant, semi-double, delicate lilac, blushed on upper petals and feathered crimson-maroon. 20 cts.

**Caesar Franck.** Enormous trusses of semi-double flowers, shaped and clustered much like "Crimson Rambler" Rose; vividly crimson, with a slight dash of rose at the base of petals. 20 cts.

**Incomparable.** Very large trusses and florets; a charming shade of carmine-rose.

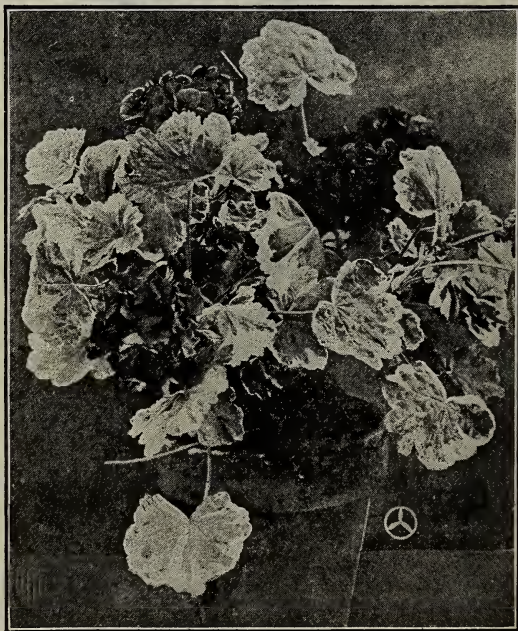
**Mrs. Mawley.** Large, semi-double flowers; rosy cerise, shaded magenta, with a dark blotch on upper petals. A strong, robust grower.

**Souv. de Chas. Turner.** Florets  $2\frac{1}{2}$  inches, in trusses six inches across; a deep, bright purple approaching scarlet, the upper petals feathered maroon.

Unless noted, 15 cts. each; \$1.50 per dozen.

### NEW FANCY LEAVED

**Variegated S. A. Nutt.** A new introduction with liberal, healthy, remarkably beautiful variegated foliage; the green and creamy white being about evenly apportioned, of the same general form, freedom, character and color as the famous S. A. Nutt. 20 cts. each; \$2.00 per dozen.



Silver Nutt



Happy  
Thought

## FANCY, VARIEGATED LEAVED GERANIUMS

**Happy Thought.** A tri-color Geranium with very dark green foliage, having a light creamy—almost white—center, with a dark band about the light zone. Flowers bright scarlet.

**Mad. Salleroi.** A very compact variety of Silver Geranium; very fine for massing or bordering. A thrifty, healthy grower, rarely reaching a height of more than six inches; leaves very small, of a peculiar clear green, edged with pure white. 15 cts. each; \$1.25 per dozen; \$7.00 per 100.

**Mrs. Pollock.** Bronze, belted with crimson and edged golden yellow.

**Prince Bismarck.** Foliage yellowish green with narrow zone of deep chocolate, flowers salmon tipped white; a splendid variety.

## SCENTED LEAVED

Two distinct varieties—**Lemon** and **Rose.** 15 cts. each; 8 for \$1.00.

**Above Fancy Leaved sorts, unless noted, 20 cts. each; \$2.00 per dozen.**

## BRUANT TYPE GERANIUMS

Geraniums of this class are distinguished by their leathery foliage, vigorous habit of growth, heavy flower stalks and immense heads of bloom.

**Alphonse Ricard.** Semi-double, dwarf and branching, bright orange red.

**Beauty Poitevine.** Rosy salmon, nicely shaded and tinted from deep orange to pure salmon.

**Fleur Blanc.** A strong growing and blooming plant, with large heads of full double flowers; pure white.

**Helen Michell.** Flowers very large, semi-double and numerous; bright orange scarlet. 20 cts.

**Heteranthe.** Exceptionally large trusses of semi-double flowers; clear orange scarlet.

**Jean Oberle.** An exquisite shade of hydrangea-pink, fading to white at the outer edges; florets and truss extremely large. Does not burn in the sun. 20 cts.

## GENERAL COLLECTION OF SINGLE AND DOUBLE GERANIUMS

**Abbie Schaefer.** An abundant bloomer, good in any situation; soft crimson-scarlet. 20 cts.

**Champ de Nieve.** Superb white; not a trace of coloring at center.

**\*Clifton.** Handsome, dark, velvety deep scarlet shaded maroon. A clean, healthy grower with robust constitution which stands all kinds of weather, and blooms freely in good sized clusters. 20 cts.

**Fiancee.** Largest and best double white.

**Flamingo.** Showiest and most commendable double dark red on our grounds. Its rich color is unadulterated, and blooming capacity unlimited, the plant showing a clean, healthy, branchy growth.

**Francis Perkins.** Among the older standard bedding varieties, no double pink equals it.

**\*Jacquerie.** Deep carmine red. 20 cts.

**La Favorite.** Very large trusses; snow-white. In great demand for bedding purposes.

**Le Soleil.** Without exception, the most intense scarlet bedding Geranium on the market.

**J. J. Harrison.** Very large, double, crimson-scarlet; one of the best of its class.

**Jean Viaud.** Flowers semi-double, two to two and one-half inches in diameter, made up into trusses 12 to 15 inches in circumference. Of a beautiful clear, rosy pink, with distinct white blotch at center.

**Mad. Landry.** Semi-double; rich salmon shaded orange, edge of petals a brighter shade.

**Marquis de Castelaïne.** A giant among Geraniums. Color deep rosy scarlet, shading into pure scarlet at the edge of upper petals.

**Mrs. E. G. Hill.** Large single flowers; bright salmon, with a light shading at center.

**Rosalda.** (Single Bruant.) A strong, robust semi-dwarf variety with good bedding qualities. Flowers rich crimson pink, the upper petals heavily blotched white, with carmine veins. 20 cts. Unless noted, 15 cts. each; 12, our choice, \$1.00.

**Mad. Barney.** A splendid bedding variety; extremely large, double flowers of brilliant rose. For solid beds of deep, showy pink, this variety is not surpassed.

**Mad. Jaulin.** The lovely "Apple Blossom Geranium," in color a varying combination of peach pink and bluish white. Dwarf and bushy. 20 cts.

**Mrs. Lawrence.** A dwarf, compact grower equally valuable as a bedder or for winter pot-blooming; bright salmon-pink, slightly tinged white.

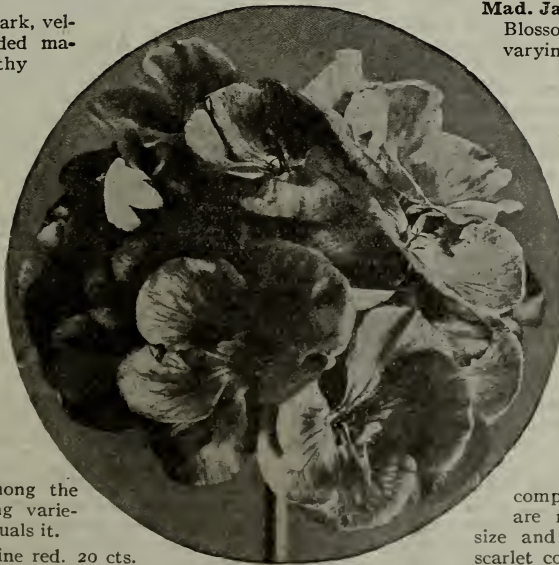
## S. A. Nutt.

"Old as the hills," but the one variety always dependable for a constant blaze of crimson from May until snow fall.

**Scarlet Bedder.** A new variety; vigorous, compact and healthy. Flowers are nicely rounded, of good size and a particularly pleasing scarlet color.

**Theta.** New; flowers very large, in rather flat trusses, bright red. 20 cts.

**Unless noted, 15 cts. each; our choice, 12 for \$1.00. 100 by express for \$7.00.**



Beauty Poitevine



# GLADIOLI



Augusta



America



Halley

**THIS CLASS** of summer-flowering bulbs is doubly valuable for the brave field show of bloom, and for its generous supply of cut-flowers. Gladiolus flowers last longer when cut than most any other flowers, and develop in water to a greater perfection than if left on the plant. Any rich, light garden soil will grow Gladioli if properly worked in preparation, and exposed to the benefit of full sunlight. Bulbs should be planted from the middle of April on into May throughout the Northern States, a second planting after two or three weeks ensuring a more even succession of bloom. Set bulbs 2 to 4 inches deep and 2 inches apart in the drills, single rows 12 inches, and double rows 18 inches apart. Beds do well planted 4 to 6 inches apart each way.

## GENERAL COLLECTION OF CHOICE NAMED GLADIOLI

The Childsi type are marked (\*). **Rate per 100 by express only. If wanted by mail in 100 lots, add 25 cts. per 100 for postage.**

**\*America.** Beautiful, soft flesh-pink, faintly tinged with lavender. Spikes develop very evenly and to unusual length, sometimes with two or three branches. A magnificent cut-flower. 5 cts. each; 50 cts. per dozen; \$3.50 per 100.

**Augusta.** Lovely pure white with blue anthers. 5 cts.; 50 cts. per dozen; \$3.00 per 100.

**Baron Hulot.** Rich, deep indigo blue. Besides being the only blue Gladiolus known, it is a really very fine sort. 8 cts. each; 75 cts. per dozen; \$5.00 per 100.

**Chicago White.** A superb new variety with tall straight stems on which well expanded flowers are snugly set. Flowers pure white, with faint lavender streaks in lower petals; very early. 8 cts. each; 75 cts. dozen; \$5.50 per 100.

**Europa.** The most prolific pure white Gladiolus, superior to older sorts in the great number of florets; Europa usually averaging from 20 to 25 perfect flowers, as many as 10 or 12 appearing at one time. The compact, dense formation, freedom and strong upright stems making them of exceptional value for cutting. 15 cts. each; \$1.50 per dozen; \$10.00 per 100.

**Glory of Holland.** This is one of the most reliable white sorts, furnishing abundant flowers. Stems are long, strong and always erect. White, slightly flushed with pink. 8 cts. each; 75 cts. per dozen; \$5.00 per 100.

**Golden King.** Brilliant golden yellow; one of the richest of this rare color, made doubly beautiful by a vivid crimson blotch in the throat. 12 cts. each; \$1.25 dozen; \$10.00 per 100.

**Goliath.** Of great value as a garden flower if planted in generous quantity; the mass of dark, purplish blue flowers making a wonderful effect among the prevailing light shades of other Gladioli. 12 cts. each; \$1.25 dozen; \$10.00 per 100.

**Halley.** Delicate salmon-pink, slightly roseate, the lower petals showing a creamy blotch bisected by a red stripe. **One of the earliest to bloom.** 8 cts. each; 75 cts. per dozen; \$5.00 per 100.

**Joan of Arc.** Pure white, except deep in the throat is Tyrian rose. Vigorous, tall growing; with a large number of medium sized flowers at a time. 15 cts. each; \$1.50 per dozen.

**Klondyke.** Rather dwarf growth, but very desirable as one of the earliest yellows. Pale primrose with crimson maroon blotch on lower petals. 8 cts. each; 75 cts. per dozen; \$5.00 per 100.

**Kunderd's Ruffled Glory.** A new departure in Gladiolus form, a recently developed strain having distinctly and beautifully fluted or ruffled petals. This "Glory" variety is of good size in flower and spike, with long stalks. Color, delicate cream pink, with a crimson stripe on each lower petal. 10 cts. each; \$1.00 per dozen; \$8.00 per 100.

**Liebesfeur.** Among all the varieties which come in solid colors, this is one of the most brilliant; rich, pure scarlet. 15 cts. each; \$1.60 per dozen; \$12.00 per 100.

**Lily Lehmann.** A delicate combination of pink and white, unusually large and strong growing for this type. Purest ivory-white flushed pink at tips of petals, with conspicuous lavender anthers. 10 cts. each; \$1.00 per dozen; \$7.00 per 100.

**Loveliness.** A beautiful cream colored variety of good form and substance; the throat slightly suffused with apricot. 12 cts. each; \$1.50 per dozen; \$10.00 per 100.

**Kunderd's Ruffled Glory****GLADIOLI (Continued)****Mrs. Francis King.**

A fine strong growing variety with large spikes of showy flowers. Color a bright shade of pure scarlet. 5 cts. each; 50 cts. per dozen; \$3.00 per 100.

**Mrs. Frank Pendleton, Jr.**

A magnificent variety which has won various awards on account of its practicability for cutting, as well as for its beauty. Every bud opens up in water fully and perfectly. Flowers are very large and well expanded, of a lovely flushed salmon-pink; with blood-red blotches in the throat. 10 cts. each; \$1.00 per dozen; \$7.00 per 100.

**Mrs. Watt.** A very satisfactory kind showing many open flowers at one time, borne profusely from mid-season on, with thick, strong stalks. The color is that rich, velvety wine-color unmixed with any other shade, which has become familiar in the popular Hadley Rose. 12 cts. each; \$1.25 per dozen; \$10.00 per 100.

**\*Niagara.** Of America character, but somewhat larger; rich cream color deepening to canary yellow on lower petals. A faint carmine blush at tips of petals and streak at throat, with purple stamens and carmine stigmas, make a lovely combination. 10 cts. each; \$1.00 per dozen; \$7.00 per 100.

**\*Panama.** More deeply pink than America, and a trifle larger. 10 cts. each; 75 cts. per dozen; \$6.00 per 100.

**Peace.** A robust grower, reaching 5 feet in height, with a correspondingly long flower spike; pure white with faint lilac markings on lower petals. 8 cts. each; 75 cts. per dozen; \$5.50 per 100.

**Pink Beauty.** The very earliest Gladiolus to bloom, coming in ahead of Halley. Flowers medium size borne in long spikes, dull pink. 8 cts. each; 75 cts. per dozen; \$5.00 per 100.

**Pink Perfection.** Dainty, very large flowers of apple blossom pink. 8 cts. each; 75 cts. per dozen; \$5.50 per 100.

**\*Principine.** Surpassing Princeps in freedom of bloom—Principine showing several flowers at one time. Color is the same beautiful red with a white blotch in the throat. 8 cts. each; 75 cts. per dozen; \$6.00 per 100.

**Panama****Mrs. Frank Pendleton, Jr.****Primulinus Orange Brilliant**

(Vary scarce.) Rich orange color; one of the most attractive of that new *Primulinus* type recently introduced from South Africa, which has become the vogue for table decorations during the season. One of the advantages of this class over so many kinds is the absence of crowding, each flower having plenty of room on the spike, to develop properly. 12 cts. each; \$1.25 per dozen.

**Schwaben.** Extremely showy both as a cut flower and bedder. The color is pure canary yellow shaded sulphur, the golden yellow throat slightly blotched with dull carmine, but so deep as not to interfere with the all yellow general effect. Flower spikes are tall and strong, numerous and well set with perfect flowers. Its branching habit keeps this variety in bloom unusually long. 10 cts. each; \$1.00 per dozen; \$7.00 per 100.

**War.** Considered by many the best commercial blood-red to date. Its flowers are of immense size in long spikes, and borne freely. Late. 12 cts. each; \$1.25 per dozen; \$10.00 per 100.

**Willy Wigman.** Blush white, with dark scarlet blotch; large flowers of fine form. 10 cts. each; \$1.00 dozen; \$7.00 per 100.

 **S. & H. "OLD GLORY" MIXTURE** 

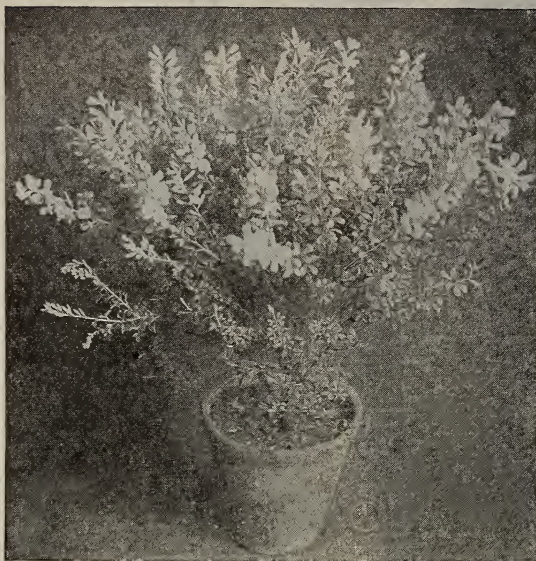
This mixture of ours has won many letters of commendation from our patrons. It is not a block of seedlings, but a carefully created mixture of distinct named varieties, embracing a wide range of colors. Purchasers this year will enjoy the benefit of a happy circumstance which enables us to include in this mixture several new sorts never before distributed except by name in first grade lists.

By mail, 35 cts. per dozen; \$2.25 per 100.

By express, 30 cts. per dozen; \$2.00 per 100; \$18.00 per 1000.

We are offering, this year, no other mixtures or cheap assortment to color.

**N. B.**—Prices on Gladioli per 100, refer to express shipments only. If wanted by mail in 100 lots, add 25 cents per 100.

**GENISTA RACEMOSA**

A round, dense foliated plant of easy house cultivation, which makes one of the most beautiful spring flowering plants in our lists. Flowers are very small, pea shaped, borne in close racemes. When in full bloom the entire plant is a solid ball of the brightest yellow, emitting a delicious lemon fragrance. Very popular for Easter decorations and will continue in bloom about four weeks, 2½-inch pot plants, 20 cts. each. By express, 5-inch pot plants, 60 cts. each.

**GREVILLEA ROBUSTA****(Silk Oak)**

As graceful as a palm; as delicate in texture or form of leaf as a fern. The young growth is a light bronze color, the tips being covered with a soft down closely resembling raw silk, hence the name "Silk Oak." Grows very fast, making beautiful erect specimens. 15 cts.

**Heliotrope****HELIOTROPES**

**Buisson Fleuri.** Semi-dwarf growth, covered by unusually large trusses of large, flat-faced flowers. Color, rosy violet with star-shaped eye.

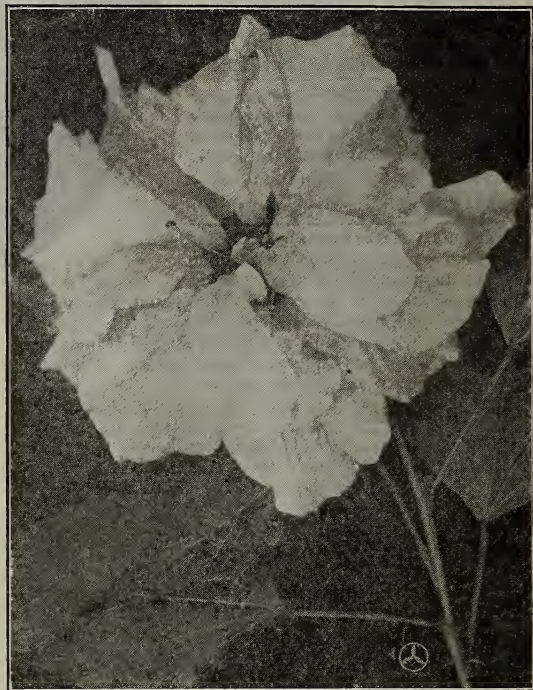
**Centefleur.** A very striking variety entirely distinct from all others; dwarf growing with fine, neat foliage. Flowers are deliciously fragrant, florets wide and flat, color deep true heliotrope, with conspicuous white eye. Sprays are of the largest size, completely covering the plant. 20 cts. each; \$1.75 per dozen.

**Jersey Beauty.** A variety with which every one is familiar; one of the best for all purposes. Bright mauve purple.

**Mad. Bruant.** The variety which we are now growing is not so tall as the older Bruant, nor the pronouncedly dwarf type, but a happy medium of compactness and stability; rich dark purple.

**Snow Wreath.** Blooms in large trusses of fragrant white flowers. An excellent sort.

Unless noted, 15 cts. each; \$1.25 per dozen.

**HIBISCUS SINENSIS****Hibiscus Peachblow**

Strong growing tropical plants with handsome glossy foliage and large, brilliant, showy flowers. In a warm sunny window they make fine decorative plants and bloom profusely. If planted in the open ground during the summer they make a gorgeous display with their enormous, bright colored flowers.

**Aurantiaca.** Large, double orange colored flowers; very novel and attractive. 20 cts.

**Colleri.** Rich buff with distinct crimson throat markings. 20 cts.

**Mineatus Semi-Plenus.** Half double, prettily ruffled flowers; light vermilion-scarlet. 20 cts.

**Peachblow.** Flowers double; of a rich shade of clear pink, with small, deep crimson center; most beautiful shading; four to five inches in diameter. Blooms freely even on small plants. 20 cts.; \$2.00 per dozen.

## HYDRANGEA HORTENSIS



This class of Hydrangeas is not hardy in the Northern States, and should be brought into the house before freezing fall weather. A cool, light cellar location is preferable with occasional watering, but keep them dormant even if a cooler temperature is found necessary. Early in spring bring up to the piazza or other exposed location and apply water liberally. When in full bloom keep slightly shaded to lengthen the blooming period. A soil composition of turfy loam and one-third rotted cow manure is best for potting.

**Otaska.** The old favorite used so extensively in pots at Easter time, and for lawn decoration in summer. 15 cts. By express, 5-inch pot plants, 50 cts.

**Ramis Pictis.** (Red Branched.) A distinct variety both in foliage and flowers. The flowers are deep rose color, produced in immense trusses, while the branches are dark red, becoming brighter as they near the flower truss. 15 cts.

## NEW FRENCH HYDRANGEAS

The following list of varieties are all new sorts improved by the French growers and an acceptable addition to our list of first class house plants. These plants will be practically dormant when shipped, but will soon respond to sunlight and plenty of water.

**Baby Bimbenet.** Very dwarf, early and free; distinct from others in that each and every shoot produces flowers. Large, compact trusses of silvery rose.

**Mme. Auguste Nonin.** An unusually pretty pale pink, good sized trusses.

Above, 2½-inch pots, 25 cts.; 5-inch, by express, 60 cts.

**Bouquet Rose.** Large trusses of well formed flowers; rosy amber, turning to bright pink.

**Mad. Emile Mouillere.** One of the very best; with immense trusses of florets frequently over two inches in diameter. Pure white, with rosy carmine eye.

**Mad. Maurice Hamar.** A pleasing shade of delicate flesh-pink.

**Souv. de Mad. Chautard.** Shapely plants of robust habit, bearing medium sized, but extremely pretty, flowers of bright rose.

**Vicomtesse de Vibraye.** A favorite early forcing sort, bright rose, changing to blue.

Above, by mail, 2½-inch pot plants, 20 cts. each.

Above, by express, 5-inch pot plants, 50 cts. each.

### SPECIAL OFFER.

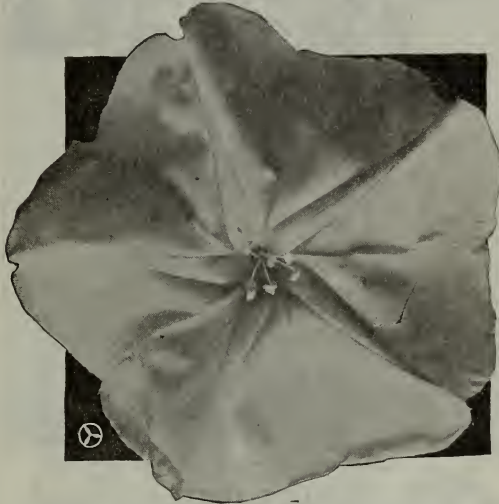
One each of 7 sorts, small size, by mail, \$1.00.

One each of 7 sorts, 5 inch pots, by express, \$3.00.

## IMPATIENS SULTANA HYBRIDS

One of the prettiest and most satisfactory house plants for winter blooming as well as a charming feature of the summer garden. These plants commence blooming when very small, are seldom out of bloom, and when at their best display a profusion of flat, single flowers, ranging from intense carmine-rose to white; against a rounded background of glossy green leaves. 15 cts.

## IPOMEA (Moon Flowers)



One of the most popular summer vines. The foliage is graceful and serviceable, and the vine a rapid climber, attaining a length of 40 feet in a season. The flowers are borne abundantly throughout a long season opening at sundown, emitting a rich Jessamine odor at night, and closing about noon next day.

**Ipomea Grandiflora.** (White Moonflower.) Satiny white flowers, five to six inches in diameter. 15 cts.; \$1.25 per dozen.

**Ipomea Learii.** (Blue Moonflower.) Intense violet-blue, with reddish purple rays. 20 cts.; \$2.00 per dozen.

## IVY



English Ivy

**English.** One of the very few good climbing plants for the house. Foliage is rich waxy green with prominent lighter veins and is very attractive when trained against harmonious paper or woodwork. If planted out doors, the vines must be taken down and carefully covered for winter, in this northern latitude. 2½-inch pots, 15 cts.; \$1.50 per doz. 4-inch pots, tops 3 ft. long, 30 cts. By express \$3.00 per dozen.

**German.** A fast running vine, that is unsurpassed for use in hanging baskets and urns where delicate green foliage is needed. 15 cts.; \$1.50 per dozen.



Jasminum—Grand Duke

## JASMINE

**Cape Jessamine.** (Gardenia Florida.) A beautiful evergreen shrub 2 to 4 feet high, with small, solitary, starshaped flowers of delightful fragrance; very popular in Southern gardens for continuous summer bloom. Not hardy north of the Ohio river, but of value as a house or conservatory plant. 25 cts.

**Grand Duke.** A full double-flowered type of the Arabian Jasmine, exquisitely scented and of beautiful form for use as men's boutonnières. This variety is practically everblooming, being particularly free in frostless countries where it can stand outdoors. 25 cts.



**Jasminum Grandiflorum.** (Spanish Jasmine.) Grows nearly erect, with angular, drooping branches. Used more than any other variety on account of its abundant fragrant, starry bloom, throughout the winter, as well as during its summer stay in the garden. Will stand 10 to 12 degrees of frost. 20 cts.; \$2.00 per dozen.

## LANTANAS



Showy bedding and basket plants that are being used more extensively than ever before. They are in bright, catchy bloom continuously from spring until frost cuts them down in the fall; at all times emitting a pleasant, pungent fragrance.

**Aurora.** Large flowered, dark and light shades of pink with yellow center.

**Corbeille d'Argent.** A free blooming pure white variety, dwarf and compact.

**Countess de Biencourt.** Rose and yellow.

**Craigi.** Yellow and blood-orange; tall.

**Francine.** A beautiful rosy lilac with cream center.

**Jacob Schultz.** Rich, velvety crimson-wine, with a varying center of blood-orange. This is the darkest and showiest sort, and is a strong grower. 20 cts. each; \$2.00 per dozen.

**Juan d'Or.** Light sulphur, graduating to deep rose pink.

**Harkett's Perfection.** Golden variegated foliage; flowers yellow and pink.

**Iolande.** An especially good dwarf variety; a showy commingling of crimson, orange and yellow.

**Lyre.** Dwarf and compact; white with creamy center. Very pretty.

**Protel.** Creamy yellow and lilac rose.

**Viator.** A new variety with large flowers of sulphur-yellow, tinged pink.

**Weeping Lantana.** A fine plant for winter flowering in pots or small hanging baskets. Flowers delicate rosy lilac, borne freely all over the plant from the base of each leaf stalk.

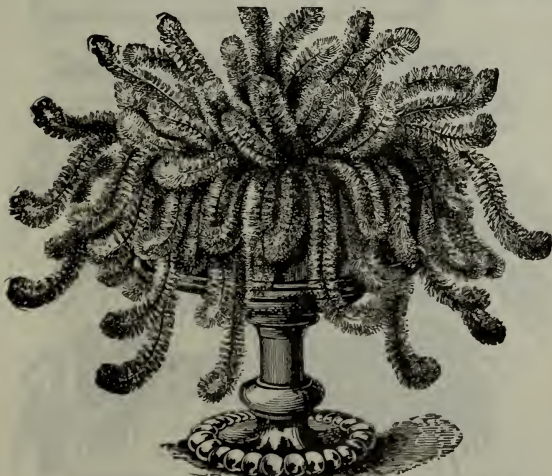
Unless noted, 15 cts. each; 12 for \$1.50.

**LEMON PONDEROSA**

(or American Wonder)



A fragrant breath of the South translated into Northern homes. The dark, glossy foliage winters well and is always verdant, the attractive flowers of pure white with yellow stamens are refreshing in their waxen beauty and subtle perfume, while their crowning glory is the fruit. Five or six times as large as the ordinary Lemon of commerce; of perfect shape and even ripening—Ponderosa represents the highest quality as a fruit, while the combination of flower, fragrance, fruit and tree-like growth, makes it one of the grandest and most satisfactory window and porch decorative plants in existence. 20 cts. each; \$2.00 per dozen. 5 inch pots, 15 to 18 inches high, by express, \$1.00.

**PARROT'S FEATHER**

**Myriophyllum Proserpinacoides.** A novel aquatic hanging plant. Its long trailing stems are clothed with whorls of the most exquisite finely cut foliage. Plant in a water-tight basket, so water can be kept standing on the surface. Or it may be carried successfully as an ordinary pot plant, if watered freely. 15 cts. each; \$1.50 per dozen.

**MADEIRA VINE**

A beautiful rapid growing vine with dense foliage. Grows well anywhere, but succeeds best in sunny, well sheltered location. Strong tubers, 10 cts. each; \$1.00 per dozen.

**MANETTIA VINE**

A free and continuous bloomer, completely filled at all times with small tubular flowers of brilliant scarlet, shading into yellow at tips. Especially desirable for baskets, vases or small trellises. 15 cts. each; \$1.50 per dozen.

**OLEANDERS**

Old fashioned house plants still found useful for tubs, in porch and terrace decoration. We offer two separate colors. **Rose and White.** 3 inch pots 25 cts. each; \$2.50 per dozen.

**OTAHEITE****ORANGE**

Firm, rounded, shiny, green foliage always attractive. The creamy white flowers are of charming form, usually in small groups, and exquisitely scented.

A grand plant for winter culture; scarcely ever without some display of fragrant blossoms or fruit. Fruit edible; about half the size of ordinary oranges. 20 cts. each. Fine plants from 4 inch pots, 12 to 15 inches high, by express, 50 cts.

**PALMS**—See Page 86.**PANSY PLANTS**

Nice thrifty started plants propagated from our Superb Giant Pansy seed. Colors and markings are widely varied, and represent the largest flowered strain in cultivation. 35 cts. per dozen. \$2.25 per 100 by express.

**PASSIFLORAS (Passion Vine)**

**Constance Elliot.** A rapid growing climbing plant, well adapted for house culture in winter or for training over porches, etc., during summer. The flowers are pure white, excepting a very slight coloring at the base of the corolla. 20 cts.



# PALMS



**Kentia  
Balmoreana**

We have for many years made Palms one of our special products; growing not an extensive list, but just a few of the kinds most practical for general use.

The Kentias are recommended as being the hardiest and best for house culture, dust and gas not

affecting them as much as some other Palms. Where height of plant is given, it means from top of pot.

**Kentia Balmoreana.** This is, in our estimation, the very best Palm for house culture, as well as the most graceful and handsome. There are few plants that give more satisfaction all the year round.

**Kentia Forsteriana.** Much like Balmoreana, except that it grows taller, with larger, heavier foliage.

**Areca Lutescens.** Glossy green leaves gracefully arched on slender stems, the entire construction one of grace and beauty.

**Cocos Wedelliana.** A strikingly handsome little plant, six to seven inches high, used for small jardinières and in Fern dishes to a great extent. 25 cts.

**Latania Borbonica.** (Fan Palm.) A beautiful Palm, with large deeply divided, fan-shaped leaves. It is of easy cultivation, and should be in every collection.

**Phoenix Roebelenii.** A very graceful, dainty palm as light and feathery as a Cocos, but as hardy as a Kentia. Will be found the correct thing for small jardinière or fernery.

3-inch pot plant, 6 to 8 inches high...\$ .50 each.  
4-inch pot plant, 8 to 10 inches high... 1.00 each.

## PANDANUS VEITCHI

Graceful curved foliage, light green striped with broad bands of pure white. An attractive decorative plant that stands ordinary house culture well and is always fresh and bright in appearance. Large plants by express: From 4-inch pots, \$1.00; from 5-inch pots, \$1.50.

## KENTIA BALMOREANA

### Mail Sizes:

2½ inch pot.....15 cts.  
3 inch pots, 10 in. high....25 cts.

### Larger Sizes by Express

4 in. pots, 12 to 15 in. high...\$ .60  
5 in. pots, 15 to 20 in. high.... 1.50

## ARECA LUTESCENS

### Mail Size:

2½ inch pot.....15 cts.

### Larger Sizes by Express,

4 inch pots, 15 in. high.....\$ .50  
5 inch pots, 18 to 24 in. high.... 1.00

## KENTIA FORSTERIANA

### Mail Sizes:

2½ inch pot.....15 cts.  
3 inch pots, 10 in. high....25 cts.

### Larger Sizes by Express

4 in. pots, 15 to 18 in. high...\$ .60  
5 in. pots, 18 to 24 in. high.... 1.50

**Special.** Single specimens, usually strong, well branched and hardened; better form than most "made-up" specimens.

36 in. high, in tub.....\$ 5.00  
48 in. high, in tub..... 7.00  
54 in. high, in tub..... 10.00  
60 in. high, in tub..... 17.50

## LATANIA BORBONICA

### Mail Sizes:

2½ inch pot.....15 cts.  
3 inch pot.....25 cts.  
4 in. pot, 12 in. high, 5 leaves.50 cts.

### By Express:

6 inch pot—20 inches high,  
5 to 6 leaves.....\$1.50



**PELARGONIUMS**

(Lady Washington Geraniums)

**Pelargonium Dorothy**

A valuable class of house and garden plants related to the Geraniums, resembling them closely in character, habit and treatment. Pelargoniums revel in hot sun light, withstanding temperature and glare that would shrivel other flowers. All they ask is plenty of water. They do not grow as dense or compact as Geraniums, consequently it is advisable to pinch back the long shoots once or twice prior to their blooming season in April, thus ensuring a nicely rounded, bushy shape.

**Andenken an London.** Enormous round, scarlet flowers with a distinct white center; the two upper petals blotched with black.

**Dorothy.** Beautiful fringed variety. Flowers large; rosy salmon with dark maroon blotch on upper petals, richly shaded plum color around the throat. Its fringed and ruffled edge gives the flower a very light and delicate appearance. 25 cts.

**Easter Greeting.** Flowers are large and free; bright amaranth red, each petal marked with a large black blotch. This variety is distinct from the rest, and remarkable on account of its long blooming season, not only producing its prime crop very early in spring, but ordinarily continuing throughout summer and fall.

**Egyptian.** Very dark red with black blotch; free blooming, fine habit.

**Erbprinzessen Ysenburg.** A uniquely spotted effect which is very chic and pretty. Light red, with center, narrow edge and all-over dots, of white. 25 cts.

**Escot.** Very large flowers of white, with crimson blotches on upper petals and small spots on lower. Florists who handle this variety find it one of the most popular sorts for "Mother's Day" sales. 25 cts. each.

**Gartendirector Siebert.** Fiery red, with black blotches.

**Josef d'Toupler.** Center red, outer edges white.

**Kate Bornemann.** One of the most beautiful combinations of color in the entire assortment. White, overlaid salmon-pink, blotched crimson and feathered with rosy carmine.

**Lucy Becker.** A bright pink sport of Easter Greeting, with large maroon blotches edged fiery crimson on all the petals; very free bloom. 25 cts. each.

**Madame Vibert.** A splendid flower with black maroon blotches bordered fiery red, the entire flower edged with rose. Growth and blooming qualities excellent.

**Martha Burger.** All-over bright rose.

**Miss Saunders.** Very large bloom, with a certain air of dignity and refinement. Pure white; the two upper petals broadly blotched with purplish crimson.

**Montebello.** Pink, blotched white.

**Mrs. Loyal.** (The genuine "Pansy Geranium.") Rounded, satiny, exquisitely marked and colored—this variety is truly Pansy flowered. Its colors range from a large crimsoned chocolate center through pink to white at the edges. Growth characterized by compactness and sturdiness. 15 cts. each; \$1.25 per dozen.

**Mrs. Robert Sandiford.** The flowers are three inches across, perfectly double and very free in bloom; the purest snow white.

**Peter Hoser.** Fiery brick red, with black blotches on each of the five petals; large flowers and clusters.

**Prof. Correns.** Deep rose, with dark blotches.

**Sandiford's Best.** A beautiful shade of pink, surrounded by a deep band of purest white, with a large white throat.

**Wirtembergia.** A sport from Easter Greeting. Medium sized florets; bright carmine with large, velvety, sharply defined blotches. Equally valuable as bedder or pot plants. 25 cts. each.

**Wonder.** A splendid semi-double white flower of great beauty; very pure in color, occasionally showing a small rich maroon spot in upper petals. Flowers are beautifully fringed and are produced in great profusion all through the blooming season.

Unless noted, 20 cts. each; 3 for 50 cts.; \$2.00 per dozen.

**PETUNIAS**

**Double.** A splendid assortment in white, pink, purple and blotched. 15 cts.; \$1.25 dozen; \$7.00 per 100.

**Single.** Mixed colors. 10 cts.; \$1.00 per dozen; \$6.00 per 100.

**Plumbago  
Capensis****PLUMBAGO**

**Capensis.** Excellent for bedding out in summer or growing in pots for single specimen plants, producing large trusses of delicate azure blue flowers.

**Sansevieria**

**Capensis Alba.** Beautiful creamy white flowers. 20 cts.; \$2.00 per dozen; extra large, 35 cts. each.

**PRIMULA (Primrose)**

**Malacoides.** A vigorous type of the Baby Primrose, with long stems and large flowers. Blooms practically all the year with good sized trusses of dainty little rose lilac flowers. 15 cts. each; \$1.25 per dozen.

**SALVIA**

**Splendens.** One of the finest of all bedding plants, being completely covered in Autumn with long spikes of dazzling scarlet flowers, remaining in bloom until cut down by frost.

**Zurich.** The dwarfest and earliest of all the Salvias; constantly in bloom even in the smallest pots.

15 cts.; \$1.25 per dozen; by express, \$7.00 per 100.

**SANSEVIERIA ZEYLANICA**

An ideal decorative plant; will stand more hardship and more abuse than any other house plant of which we know. Leaves thick and of leathery texture, not affected by gas, dust or heat. Grows to a length of three to four feet, and is beautifully striped cross-wise of leaves with broad white variegations on a dark green ground. 20 cts.; \$2.00 per dozen.

**STROBILANTHUS DYERIANUS**

An excellent bedding plant as well as a beautiful foliage plant for pot culture. It forms a compact bush 18 inches high, with leaves six to nine inches long; of a beautiful metallic purple, shading into light rose, with a light green margin, a combination unapproached by any other plant. The flowers are violet blue, borne in immense racemes. 20 cts.

## SWAINSONIA

**Galegifolia Alba.** A very popular everblooming house plant, blooming in sprays of 10 to 20 flowers shaped much like Sweet Peas. Its pure white flowers are used extensively in cut-flower work. 20 cts.

**Galegifolia Rosea.** Flowers deep rose or rosy crimson. 20 cts.

## THYRSACANTHUS RUTILANS

(Fountain Plant)

A greenhouse plant of easy growth, and when in bloom a graceful specimen for table decoration. Its tubular shaped carmine flowers are borne on long, drooping thread-like branches, 12 to 16 inches in length. 20 cts.

## TRADESCANTIA (Wandering Jew)

Beautiful trailing vines with thick, waxy, lance shaped foliage; very useful in baskets and window boxes.

**Striata.** Bright green, striped creamy yellow, with grayish green reverse.

**Cyanotis Multicolor.** Striped maroon and greenish white.

15 cts. each; \$1.25 per dozen.

## TUBEROSES

Fall flowering bulbs whose exquisite perfume affords one of the most positive delights in our late gardens.

**Excelsior Pearl.** Double white; dwarf. 5 cts. each; 10 for 40 cts. By express, \$2.00 per 100.



Tuberose Excelsior Pearl

**Variegated Leaved or OrangeFlowered.** The leaves of this variety are distinctly striped with white and green. Each bulb frequently throws up two or more spikes three to four feet high, with 20 to 40 pure white single flowers, much like orange flowers, with a pleasant perfume. 8 cts. each; 75 cts. per dozen.

## VERBENA PLANTS

Beautiful, highly colored umbels borne very freely throughout the summer bedding season; purple, scarlet, pink and white. 15 cts.; \$1.00 per dozen. By express, \$6.00 per 100.

## VINCA

**Major Variegata.** More of this used for baskets and vases than there is of any other two basket plants. Beautiful variegated green and white foliage, strong, trailing habit of growth. 15 cts.; \$1.25 per dozen. 3-inch pots, fine plants, 25 cts. By express, \$1.75 per dozen; \$12.00 per 100. 4-inch pot plants, 25 cts. By express, \$2.50 per dozen; \$18.00 per 100.

**Periwinkle.** Everblooming bedding plants, flowers phlox shaped. In separate colors, rose or white. 15 cts.; \$1.50 per dozen.

## VIOLETS



Princess of Wales

Of all delightful perfumes, that of the Sweet Violet is the most delicate and pleasing. If grown in the house for winter flowers, they should be kept at a low temperature; they will not bloom freely where it is too warm. If left in the open ground during the winter, protect with a covering of leaves.

**Hardy English or Russian.** Perfectly hardy, good sized deep purple, double flowers. One of the most popular sorts for garden planting.

**Lady Campbell.** Deep purple, double flowers.

**Princess of Wales.** Broad Pansy-like flowers of a beautiful violet purple shade, with lighter center. A vigorous growing plant with clean healthy foliage and stiff long stems. One of the most beautiful and free flowering Violets.

**Swanly White.** Flowers large, double, pure white. About the only good white variety on the market.

15 cts. each; three for 35 cts.; \$1.00 per dozen.

## WATER HYACINTHS

**Pondetaria.** Very interesting and beautiful, floats on the surface of the water and produces fine spikes of light rosy lilac orchid-like flowers. 15 cts. each; \$1.50 per dozen.

## WATER LILY

**Nymphaea Odorata.** The well known white fragrant Pond Lily. 25 cts. each; \$2.50 per dozen.



Water Hyacinth



**W**HEN considering the succeeding lists of Roses, we would like to refer to you our long years of successful experience in growing them out in the open. There is probably no better soil or climate in the world for properly developing the Hardy Rose Bushes, than that it is our good fortune to own. Established in heavy clay soil near the bank of Lake Erie; assiduously cultivated, staked, tied up and generally fostered like a favorite child, our Rose garden of about sixty acres annually sends out hundreds of thousands of choice products which advertise our business and continue our prestige. We have thousands of regular Rose customers who come back year after year, despite cheaper competition and more alluring catalogues.

We have carefully classified and arranged the varieties of Roses offered in this catalogue, making two general divisions of **Hardy Field Grown** sorts, and **Pot Grown** varieties. Special mention is made wherever certain sorts are offered in both divisions.

### BUSH ROSES CUT BACK READY TO PLANT.

This season we are yielding to the often expressed wishes of many patrons, who desire their Rose bushes cut back properly, all ready to plant; therefore, omitting the Climbers and Baby Ramblers, which need little pruning, **all dormant Bush Roses will come to you, whether by mail or express, trimmed ready to plant.**

**Order Early.** To obtain the best results with spring planted Roses, they should be put into the ground as early in March as the temperature and condition of the soil will permit. Where rate is not prohibitive, we would advise ordering shipments by express; the plants will come to you more safely packed and in much livelier condition than if sent by mail or slow freight.

**Treatment on Arrival.** If upon arrival the roots seem to be very dry, soak them thoroughly in water; if the stems as well are too dry, bury the entire plant in the ground for two or three days. At no time after unpacking should the roots be exposed to the sun or dry winds; a very little neglect at this time working serious if not fatal injury to the bush.

**Planting.** In preparing a Rose Bed, select a sunny location guarded from cold north winds, if possible. Dig out the beds to a depth of two or three feet and about three feet in width; then refill the trench with a mixture of soil (any good fertile soil will do) and well rotted cow manure, making provision for good drainage if location is not naturally drained. Time should be allowed for this filling to settle, the final top surface being an inch or two below the edges of the bed. Do not raise the surface of Rose beds above the surrounding surface. They suffer less from drought when left level with the turf. Plant your Roses in the center, being very particular to press and tamp the soil firmly around the roots; and soaking the bed thoroughly at the finish. The Everblooms may be set 18 inches apart, the Hybrid Perpetuals about 2 feet. After the plants have been set out, keep the soil loose to the depth of an inch or two, by frequent stirrings. An occasional soaking with weak manure water is a great help to Roses of all sorts, and is especially active during the blooming season. Towards the end of July, a mulch of long-strawed manure will aid in preserving what moisture is in the soil during the customary droughts of the "Dog Days."

**Protect for the Winter** by covering bed at least 6 inches with leaves or manure; a binding surface of dirt, cornstalks or boughs on top. A convenient method is to confine this dressing by an enclosure of 12 inch chicken wire.

**Pruning.** Roses are usually shipped with most of their wood, but it is a mistake on the part of many planters to put them in the ground untrimmed. The weak shoots are usually removed by us before sending stock out, so that what the customer gets is all ready to plant except cutting back. Hybrid Perpetual Roses should be cut back, every shoot, to about 6 to 8 inches above the crown or that part above the roots where the stem begins to branch. Teas and Hybrid Teas need not be cut back quite so hard; the Polyanthas not at all unless stems are too numerous. Every Spring, usually the fore part of March, just before the leaf buds begin to swell, these classes should be treated similarly and the winter covering gradually removed. The Rugosas are pruned merely to keep their growth within bounds and to remove dead wood; the Hardy Climbers are merely trimmed, and inasmuch as their bloom comes only on wood made the season before, the safest and most beneficial time for pruning is immediately after their blooming season and before they make new summer growth. Suckers from the Manetti stock should be cut off at once, and may be recognized by a difference in color and arrangement of seven leaves, instead of five, as in almost all varieties of Roses. Do not be afraid of the knife; the flowers will be larger and richer in color, and the bed more sightly.

**Capacity of Rose Beds.** Although in warm localities, where plant growth is luxurious, a greater interval is necessary, 18 inches apart is generally accepted as the proper spacing. On this basis, beds 4½ feet wide will take three rows, and if six feet long will require a dozen plants. Or a dozen plants would occupy a 3-foot bed with two rows nine feet long. Delightful arrangements in odd shapes, and by combination of various classes, may be worked out according to the individual planter's fancy and ingenuity.

# PRICE LIST OF HARDY 2-YEAR ROSES

## FIELD GROWN

Below is a compact table of prices connected with every variety of Rose described on succeeding pages. Note separate columns and differing prices for those shipped by mail and for those by express. We would strongly advise express delivery to all patrons; larger, stronger stock can be more safely packed and will carry through in better condition than if sent by mail.

Abbreviations: "T" means Tea, an extensive class of tea scented everblooming roses; usually available only as hot-house or pot plants. "H.T." means Hybrid Tea, hybrids of Tea roses, generally hardier, larger flowered and good for outdoor planting. "H.P." means Hybrid Perpetual, hardy field roses blooming normally but a short time, in June and July. "H.C." means Hardy Climber, hardy outdoor trellis roses, including the modern "Ramblers." "Poly." means Polyantha, usually small flowered cluster roses of dwarf growth and long blooming season (includes the so-called "Baby Ramblers"). "Per." means Pernetiana, hybrids derived from combining various classes by the celebrated M. Pernet. "R" means Rugosa, and "R.H." means its Hybrids, a valuable class of a shrubby nature for landscaping. "M" means Moss, of short season, but uniquely mossed on its flower stems. "W.H." means Wichuriana Hybrids, varieties of the Memorial or Creeping Roses. "S.B." means Sweet Briar, various hybrids of which are much prized for landscape uses. The "Wild" roses are cultivated plants of the native types.

\*Where a variety is also offered in the Pot Grown Division, its name is preceded by a star (\*).

| 2-Yr. Field Grown Roses |       | MAIL   |        |        | EXPRESS |         |                         | 2-Yr. Field Grown Roses |        | MAIL   |        |        | EXPRESS |  |  |
|-------------------------|-------|--------|--------|--------|---------|---------|-------------------------|-------------------------|--------|--------|--------|--------|---------|--|--|
| VARIETIES               | Class | Each   | 10     | Each   | 10      | 100     | VARIETIES               | Class                   | Each   | 10     | Each   | 10     | 100     |  |  |
| Agnes Emily Carman      | R.H.  | \$0.60 | \$5.50 | \$0.55 | \$5.00  |         | Jersey Beauty           | W.H.                    | \$0.45 | \$4.00 | \$0.40 | \$3.50 |         |  |  |
| Alfred Colomb           | H.P.  | .60    | 5.50   | .55    | 5.00    | \$45.00 | John Hopper             | H.P.                    | .60    | 5.50   | .55    | 5.00   | \$45.00 |  |  |
| American Beauty         | H.T.  | .75    | 7.00   | .70    | 6.50    | 60.00   | *Jonkheer J. L. Mock    | H.T.                    | .65    | 6.00   | .60    | 5.50   |         |  |  |
| *American Pillar        | H.C.  | .50    | 4.50   | .45    | 4.00    | 35.00   | Juliet                  | Pern.                   | .75    | 7.00   | .70    | 6.50   |         |  |  |
| Amy Robsart             | S.B.  | .70    | 6.50   | .65    | 6.00    |         | Kaiserin A. Victoria    | H.T.                    | .65    | 6.00   | .60    | 5.50   |         |  |  |
| Anna de Diesbach        | H.P.  | .60    | 5.50   | .55    | 5.00    | 45.00   | *Killarney              | H.T.                    | .65    | 6.00   | .60    | 5.50   |         |  |  |
| Anne of Geierstein      | S.B.  | .70    | 6.50   | .65    | 6.00    |         | *Lady Alice Stanley     | H.T.                    | .70    | 6.50   | .65    | 6.00   |         |  |  |
| Baby Rambler            | Poly. | .65    | 6.00   | .60    | 5.50    |         | Lady Ashtown            | H.T.                    | .65    | 6.00   | .60    | 5.50   |         |  |  |
| Baby Rambler (Tree)     | Poly. |        |        | 1.50   | 12.50   |         | *Lady Hillingdon        | T.                      | .70    | 6.50   | .65    | 6.00   |         |  |  |
| *Baby Tausendschön      | Poly. | .75    | 7.00   | .70    | 6.50    |         | Lord Penzance           | S.B.                    | .70    | 6.50   | .65    | 6.00   |         |  |  |
| Baltimore Belle         | H.C.  | .45    | 4.00   | .40    | 3.50    | 30.00   | *Los Angeles            | H.T.                    | 1.25   |        | 1.25   |        |         |  |  |
| Baron de Bonnstetten    | H.P.  | .60    | 5.50   | .55    | 5.00    | 45.00   | Lucida                  | Wild.                   | .50    | 4.50   | .45    | 4.00   | 35.00   |  |  |
| Belle Poitevine         | R.H.  | .60    | 5.50   | .55    | 5.00    |         | Lucy Ashtown            | S.B.                    | .70    | 6.50   | .65    | 6.00   |         |  |  |
| Betty                   | H.T.  | .65    | 6.00   | .60    | 5.50    |         | Luxembourg              | M.                      | .60    | 5.50   | .55    | 5.00   |         |  |  |
| Blanc de Coubert        | R.H.  | .60    | 5.50   | .55    | 5.00    |         | Mad. Abel Chatenay      | H.T.                    | .65    | 6.00   | .60    | 5.50   |         |  |  |
| Blanche Moreau          | M.    | .60    | 5.50   | .55    | 5.00    |         | " Cutbush               | Poly.                   | .65    | 6.00   | .60    | 5.50   |         |  |  |
| Blanda                  | Wild. | .50    | 4.50   | .45    | 4.00    | 35.00   | " Edouard Herriot       | Per.                    | .75    | 7.00   | .70    | 6.50   |         |  |  |
| *Blumenschmidt          | T.    | .65    | 6.00   | .60    | 5.50    |         | " Gabriel Luizet        | H.P.                    | .60    | 5.50   | .55    | 5.00   | 45.00   |  |  |
| Capt. Hayward           | H.P.  | .60    | 5.50   | .55    | 5.00    | 45.00   | " Georges Bruant        | R.H.                    | .60    | 5.50   | .55    | 5.00   |         |  |  |
| Carolina                | Wild. | .50    | 4.50   | .45    | 4.00    | 35.00   | * " Leon Pain           | H.T.                    | .65    | 6.00   | .60    | 5.50   |         |  |  |
| Chas. Fred'k Worth      | R.H.  | .60    | 5.50   | .55    | 5.00    |         | " Planter               | China                   | .50    | 4.50   | .45    | 4.00   |         |  |  |
| *Climbing Am. Beauty    | H.C.  | .50    | 4.50   | .45    | 4.00    | 35.00   | Magna Charta            | H.P.                    | .60    | 5.50   | .55    | 5.00   | 45.00   |  |  |
| Clio                    | H.P.  | .60    | 5.50   | .55    | 5.00    | 45.00   | *Mamam Cochet           | H.T.                    | .65    | 6.00   | .60    | 5.50   |         |  |  |
| *Clotilde Soupert       | Poly. | .65    | 6.00   | .60    | 5.50    |         | Manda's Triumph         | W.H.                    | .45    | 4.00   | .40    | 3.50   |         |  |  |
| Conrad F. Meyer         | R.H.  | .60    | 5.50   | .55    | 5.00    |         | Margaret Dickson        | H.P.                    | .60    | 5.50   | .55    | 5.00   | 45.00   |  |  |
| Coq. des Blanches       | H.P.  | .60    | 5.50   | .55    | 5.00    | 45.00   | Marshall P. Wilder      | H.P.                    | .60    | 5.50   | .55    | 5.00   | 45.00   |  |  |
| Countess of Murinaise   | M.    | .60    | 5.50   | .55    | 5.00    |         | Meg. Merrilies          | S.B.                    | .70    | 6.50   | .65    | 6.00   |         |  |  |
| Crested                 | M.    | .60    | 5.50   | .55    | 5.00    |         | *Mrs. Aaron Ward        | T.                      | .70    | 6.50   | .65    | 6.00   |         |  |  |
| *Crimson Queen          | H.T.  | .65    | 6.00   | .60    | 5.50    |         | * " Geo. Shawyer        | H.T.                    | .75    | 7.00   | .70    | 6.50   |         |  |  |
| Crimson Rambler         | H.C.  | .45    | 4.00   | .40    | 3.50    | 30.00   | " C. W. Thompson        | H.C.                    | .60    | 5.50   | .55    | 5.00   | 45.00   |  |  |
| Crown Princess Cecilia  | H.T.  | .65    | 6.00   | .60    | 5.50    |         | " John H. Laing         | H.P.                    | .60    | 5.50   | .55    | 5.00   | 45.00   |  |  |
| Dean Hole               | H.T.  | .65    | 6.00   | .60    | 5.50    |         | " R.G.S. Crawford       | H.P.                    | .65    | 6.00   | .60    | 5.50   |         |  |  |
| Debutante               | W.H.  | .45    | 4.00   | .40    | 3.50    |         | " Wakefield C. Miller   | H.T.                    | .75    | 7.00   | .70    | 6.50   |         |  |  |
| Deuil de P. Fontaine    | M.    | .60    | 5.50   | .55    | 5.00    |         | Multiflora              | Wild.                   | .50    | 4.50   | .45    | 4.00   | 35.00   |  |  |
| *Dr. Van Fleet          | H.C.  | .60    | 5.50   | .55    | 5.00    | 45.00   | *My Maryland            | H.T.                    | .65    | 6.00   | .60    | 5.50   |         |  |  |
| *Dorothy Perkins        | H.C.  | .45    | 4.00   | .40    | 3.50    | 30.00   | New Century             | R.H.                    | .60    | 5.50   | .55    | 5.00   |         |  |  |
| Duchess of Wellington   | H.T.  | .80    | 7.50   | .75    | 7.00    |         | Nova Zembla             | R.H.                    | .60    | 5.50   | .55    | 5.00   |         |  |  |
| Duke of Edinburg        | H.P.  | .60    | 5.50   | .55    | 5.00    | 45.00   | *Ophelia                | H.T.                    | .65    | 6.00   | .60    | 5.50   |         |  |  |
| *Echo                   | Poly. | .65    | 6.00   | .60    | 5.50    |         | *Orleans                | Poly.                   | .65    | 6.00   | .60    | 5.50   |         |  |  |
| *Edward Mawley          | H.T.  | .65    | 6.00   | .60    | 5.50    |         | Paul Neyron             | H.P.                    | .60    | 5.50   | .55    | 5.00   | 45.00   |  |  |
| Ellen Poulsen           | Poly. | .65    | 6.00   | .60    | 5.50    |         | Perpetual White         | M.                      | .60    | 5.50   | .55    | 5.00   |         |  |  |
| Erna Teschendorf        | Poly. | .65    | 6.00   | .60    | 5.50    |         | Persian Yellow          | Aust.                   | .60    | 5.50   | .55    | 5.00   |         |  |  |
| *Etoile de France       | H.T.  | .65    | 6.00   | .60    | 5.50    |         | Pink Roamer             | W.H.                    | .45    | 4.00   | .40    | 3.50   |         |  |  |
| Eugene Furst            | H.P.  | .60    | 5.50   | .55    | 5.00    | 45.00   | Prairie Queen           | H.C.                    | .45    | 4.00   | .40    | 3.50   | 30.00   |  |  |
| Evergreen Gem           | W.H.  | .45    | 4.00   | .40    | 3.50    |         | Prince Camille de Rohan | H.P.                    | .60    | 5.50   | .55    | 5.00   | 45.00   |  |  |
| *Excelsa                | H.C.  | .45    | 4.00   | .40    | 3.50    | 30.00   | Prince of Bulgaria      | H.T.                    | .65    | 6.00   | .60    | 5.50   |         |  |  |
| Farbenknigin            | T.    | .65    | 6.00   | .60    | 5.50    |         | Princess Adelaide       | M.                      | .60    | 5.50   | .55    | 5.00   |         |  |  |
| Fisher Holmes           | H.P.  | .60    | 5.50   | .55    | 5.00    | 45.00   | *Radiance               | H.T.                    | .65    | 6.00   | .60    | 5.50   |         |  |  |
| Flower of Fairfield     | H.C.  | .50    | 4.50   | .45    | 4.00    | 35.00   | *Red Radiance           | H.T.                    | .70    | 6.50   | .65    | 6.00   |         |  |  |
| Francois Levet          | H.P.  | .60    | 5.50   | .55    | 5.00    | 45.00   | Richmond                | H.T.                    | .70    | 6.50   | .65    | 6.00   |         |  |  |
| Franz Deegan            | T.    | .75    | 7.00   | .70    | 6.50    |         | *Roserie                | H.C.                    | .50    | 4.50   | .45    | 4.00   | 35.00   |  |  |
| Frau Karl Druschki      | H.P.  | .65    | 6.00   | .60    | 5.50    | 50.00   | Rugosa Rubra            | R.                      | .45    | 4.00   | .40    | 3.50   | 30.00   |  |  |
| Gen. Jacqueminot        | H.P.  | .60    | 5.50   | .55    | 5.00    | 45.00   | Rugosa Alba             | R.                      | .50    | 4.50   | .45    | 4.00   | 35.00   |  |  |
| *Gen. McArthur          | H.T.  | .65    | 6.00   | .60    | 5.50    |         | Salet                   | M.                      | .60    | 5.50   | .55    | 5.00   |         |  |  |
| George Arends           | H.P.  | .75    | 7.00   | .70    | 6.50    | 60.00   | Setigera                | Wild.                   | .50    | 4.50   | .45    | 4.00   | 35.00   |  |  |
| Geo. C. Waud            | H.T.  | .70    | 6.50   | .65    | 6.00    |         | Soleil d'Or             | Per.                    | .70    | 6.50   | .65    | 6.00   |         |  |  |
| George Dickson          | H.P.  | .65    | 6.00   | .60    | 5.50    |         | So. Orange Perfection   | W.H.                    | .45    | 4.00   | .40    | 3.50   |         |  |  |
| Glorie Lyonnaise        | H.P.  | .60    | 5.50   | .55    | 5.00    | 45.00   | Sweetheart              | W.H.                    | .45    | 4.00   | .40    | 3.50   |         |  |  |
| *Gold Finch             | H.C.  | .45    | 4.00   | .40    | 3.50    | 30.00   | *Tausendschön           | H.C.                    | .50    | 4.50   | .45    | 4.00   | 35.00   |  |  |
| Gruss an Teplitz        | H.T.  | .65    | 6.00   | .60    | 5.50    |         | Tree Roses (general)    |                         |        |        | 1.00   | 8.50   |         |  |  |
| Hansa                   | R.H.  | .60    | 5.50   | .55    | 5.00    |         | Trier                   | H.C.                    | .45    | 4.00   | .40    | 3.50   | 30.00   |  |  |
| Harrison's Yellow       | Aust. | .60    | 5.50   | .55    | 5.00    |         | Ulrich Brunner          | H.P.                    | .60    | 5.50   | .55    | 5.00   | 45.00   |  |  |
| Harry Kirk              | T.    | .75    | 7.00   | .70    | 6.50    |         | Universal Favorite      | W.H.                    | .45    | 4.00   | .40    | 3.50   |         |  |  |
| Henri Martin            | M.    | .60    | 5.50   | .55    | 5.00    |         | *Veichenblau            | H.C.                    | .45    | 4.00   | .40    | 3.50   | 30.00   |  |  |
| Hermosa                 | H.T.  | .65    | 6.00   | .60    | 5.50    |         | *White Baby Rambler     | Poly.                   | .65    | 6.00   | .60    | 5.50   |         |  |  |
| *Hiawatha               | H.C.  | .45    | 4.00   | .40    | 3.50    | 30.00   | *White Dorothy          | H.C.                    | .45    | 4.00   | .40    | 3.50   | 30.00   |  |  |
| Humilis                 | Wild. | .50    | 4.50   | .45    | 4.00    | 35.00   | White Killarney         | H.T.                    | .65    | 6.00   | .60    | 5.50   |         |  |  |
| H. V. Machin            | H.T.  | 1.00   | 9.00   | .90    | 8.50    |         | *White M. Cochet        | H.T.                    | .65    | 6.00   | .60    | 5.50   |         |  |  |
| Irish Elegance          | H.T.  | .75    | 7.00   | .70    | 6.50    |         | Wichuriana              | W.                      | .45    | 4.00   | .40    | 3.50   | 30.00   |  |  |
| J. B. Clark             | H.P.  | .60    | 5.50   | .55    | 5.00    | 45.00   | Willowmere              | Per.                    | .70    | 6.50   | .65    | 6.00   |         |  |  |
| Jeannie Deans           | S.B.  | .70    | 6.50   | .65    | 6.00    |         |                         |                         |        |        |        |        |         |  |  |

## NEW PERNETIANA ROSES

These are all recent products of the great French Rose grower, M. Pernet. They are hardy garden subjects, characterized by ornamental tinted foliage; and striking, beautiful combinations of colors in the flowers in which the rare and much prized yellow is predominant.

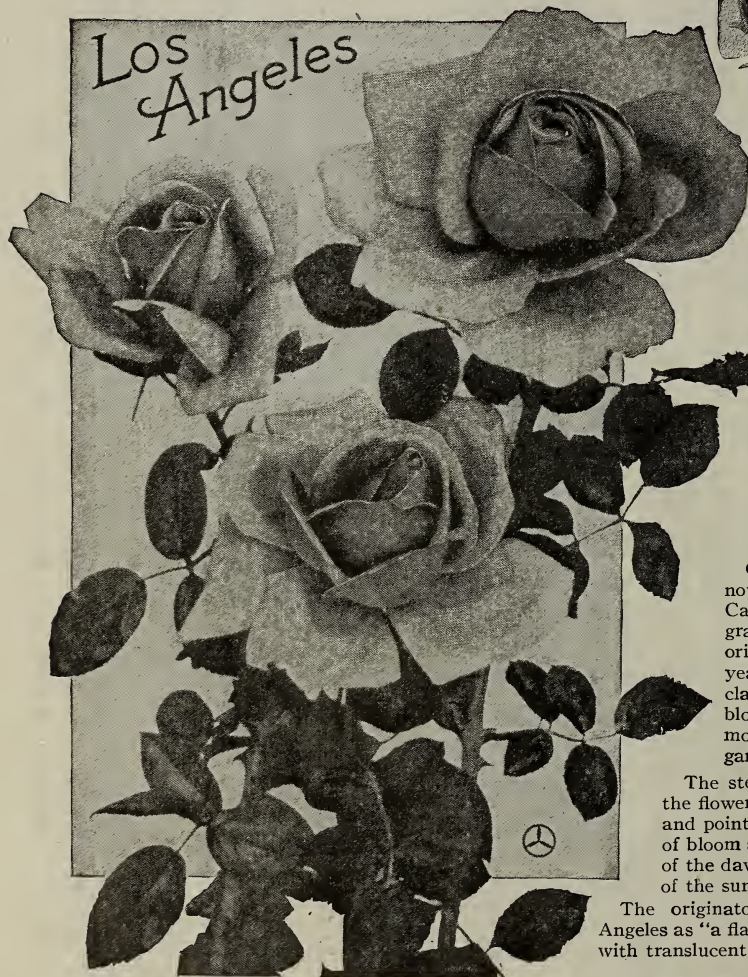
**Juliet.** Fine flowers; petals gold outside, inside rich, rosy red deepening as the flower expands.

**Mad. Edouard Herriot.**

This is the latest and probably the best of Pernet's famous introductions. Its flowers are medium sized, semi-double, well set, amidst varnished bronze-green foliage. The color is a glorious commingling of terra cotta, bronze, geranium red and dull copper; fine long, pointed buds of coral-red and yellow,



**Soleil d'Or**



**Soleil d'Or.** A cross between Persian Yellow and Antoine Ducher. It is a fine hardy outdoor Rose, showing much the same character as the Hybrid Perpetuals. Especially valuable because of its rare color; gold and orange yellow varying to ruddy gold suffused with Nasturtium red.

**Willowmere.** A robust garden Rose of bushy habit, with beautiful buds, very large flowers and lustrous green foliage. Color rich shrimp pink, shaded yellow at center and toning to cream pink towards base of petals.

### NEW AMERICAN HYBRID TEA ROSE "Los Angeles"

Gloriously living up to its recent novelty introduction, which claimed this California product to be one of the grandest all-round Roses of American origin ever put on the market. The past year has further verified all that was claimed for it as to hardiness, vigor and blooming capacity; unquestionably the most noticed block of bloom in our Rose garden last summer.

The stems are long as on American Beauty; the flowers are large as Paul Neyron, from long and pointed buds; its freedom and continuance of bloom are remarkable; its color "has the tints of the dawn, the gold of noonday and the blush of the sunset," according to one poetic admirer.

The originator (Fred S. Howard) describes Los Angeles as "a flame pink, toned with coral and shaded with translucent gold at the base of the petals."

SEE PRICES OF ROSES ON PAGE 91



Jonkheer J. L. Mock



Franz Deegan



Lady Hillingdon

## FIELD GROWN TEA *and* HYBRID TEA ROSES

A careful selection of choice, well known and new Garden Roses which, although classed as hardy, should be given winter protection in the North. Unless specially noted, varieties following are Hybrid Teas. Varieties preceded by a (\*) star are also offered under Pot Plants.

**American Beauty.** Probably the widest known and most prized cut flower among all American Roses. Deep pink, approaching crimson, of exquisite form and fragrance, and large size.

**Betty.** A new Irish Rose, radiant with an unusual color, the "ruddy gold" tone of golden yellow overspreading coppery rose.

**\*Blumenschmidt.** (Tea.) Pure citron yellow, edged tender rose on outer petals.

**\*Crimson Queen.** A choice dark crimson variety of specially good habit.

**Crown Princess Cecilia.** A new Hybrid Tea of exceptionally strong growth, standing in the rows above all its kind. Stems are strong and clean, tinged with red; foliage broad and shiny, a pleasing light shade of moss green. Full, shapely buds of deep salmon open out to magnificent flowers of large size and attractive form; an exquisite gradation of coral pink shades to a warm, deep salmon heart.

**Dean Hole.** Strong growing variety with exceedingly long buds and large flowers; intense salmon-pink.

**Duchess of Wellington.** Intense saffron yellow. A fine, strong-featured Rose familiarly called the "Orange Killarney."

**\*Edward Mawley.** A free, perpetual Garden Rose, sweetly perfumed and richly deep in color; does not fade in the hottest weather. Velvety crimson.

**\*Etoile de France.** Velvety garnet-red cup, with center of vivid cerise. Flowers very large and full, with marked imbrications. Fragrance and sturdy growth especially recommend it as a Garden Rose.

**Farbenkönigin.** (Queen of Colors.) One of the most popular T.'s; large, showy, fragrant, imperial pink.

**Franz Deegan.** A strong growing, long caned yellow Rose, equally desirable for forcing or bedding. Fine large, double flowers, ranging from pronounced yellow to a delicate orange shade.

**\*General MacArthur.** Dazzling crimson scarlet, exquisitely perfumed. One of the grandest red Roses ever offered, either for cutting or bedding.

**George C. Waud.** Unfading light red, orange vermilion.

**Gruss an Teplitz.** Intense depth and richness of color; velvety crimson-red. One of the best dark garden Roses.

**Harry Kirke.** (Tea.) Very fragrant; elegant long buds and splendid flowers. Color deep sulphur yellow, lighter at the edges.

**Hermosa.** Cup shaped, full flowers of soft, deep pink; an old favorite.

**H. V. Machin.** Intense scarlet-crimson; large, full and high centered.

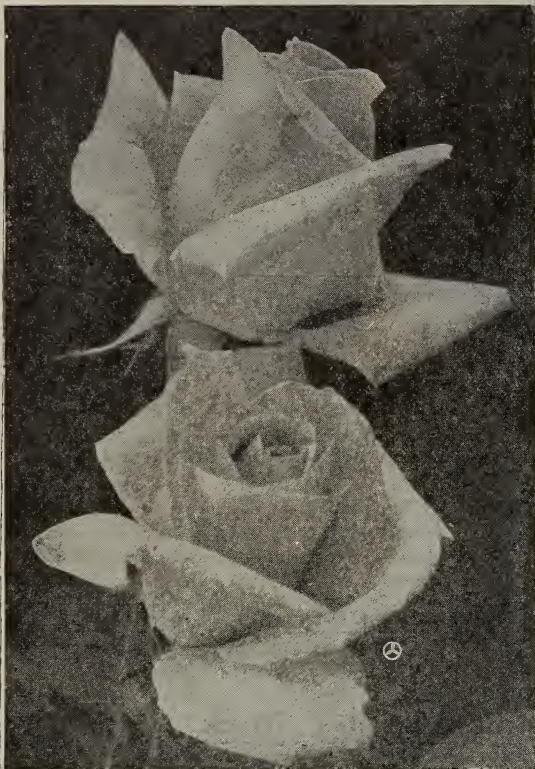
**Irish Elegance.** Of unique character in the hybrid tea class; with broad five-inch, single flowers in abundance throughout the season. Long buds of bronzy orange scarlet open out to a rich apricot.

**\*Jonkheer J. L. Mock.** A new pink Rose from Holland; vigorous in growth and hardy, with long smooth canes and great freedom of bloom. Flowers are round and full, bright pink faced carmine. A splendid bedder.

**Kaiserin Augusta Victoria.** A beautiful Rose, with elegant, large pointed buds and very large, full double flowers; color, delicate creamy white; deliciously fragrant.



Farbenkönigin



Killarney

## HYBRID TEA ROSES (Continued)

\***Killarney.** Queen of the Irish Roses, of exquisite form and fragrance. Bright carmine-pink, marbled in creamy white, with petals large and durable, the buds extremely long.

\***Lady Alice Stanley.** Shell-shaped petals of deep coral rose outside, interior delicate flesh suffused pink. A persistent and free bloomer.

**Lady Ashtown.** Tender rose shading to yellow at base of petals with silvery pink reflex.

\***Lady Hillingdon.** A splendid new yellow variety, giving quick response to forcing treatment and one of the most prolific cut flowers. Color deep apricot-yellow varying to orange.

**Mad. Abel Chatenay.** A grand bedding Rose; flowers of good size, very double, with slightly recurved petals; color, rosy carmine, shaded salmon.

\***Mad. Leon Pain.** Silvery salmon overlaid orange at center. A very good Garden Rose.

\***Mamam Cochet.** A favorite pink bedding or pot Rose, with large flowers on long, straight stems; color, deep rosy pink, inner side of petals silvery rose.

\***Mrs. Aaron Ward.** Buds are deeply cupped, the open flowers delightfully attractive. Color, deep golden orange, shading outward to creamy yellow.

\***Mrs. George Shawyer.** A favorite new forcing variety among the leading florists, besides being a first-class rose-pink bedder.

**Mrs. Wakefield C. Miller.** A most attractive color combination in large, free flowers with wavy edges, soft pearl shaded salmon, with rosy reverse.

\***My Maryland.** Sweet scented, very pretty salmon-pink; a very popular forcing successor to Bridesmaid or Killarney, and a splendid summer bedder.

\***Ophelia.** One of the most beautiful and popular of recent cut-flower favorites; with perfect flowers of distinct form, lavishly produced, emitting the exquisite perfume of the Richmond type. Color, salmon-flesh shaded with rose.

**Prince of Bulgaria.** Very full cup-shaped flowers; an exquisite shade of rosy flesh color, shaded with apricot and yellow.

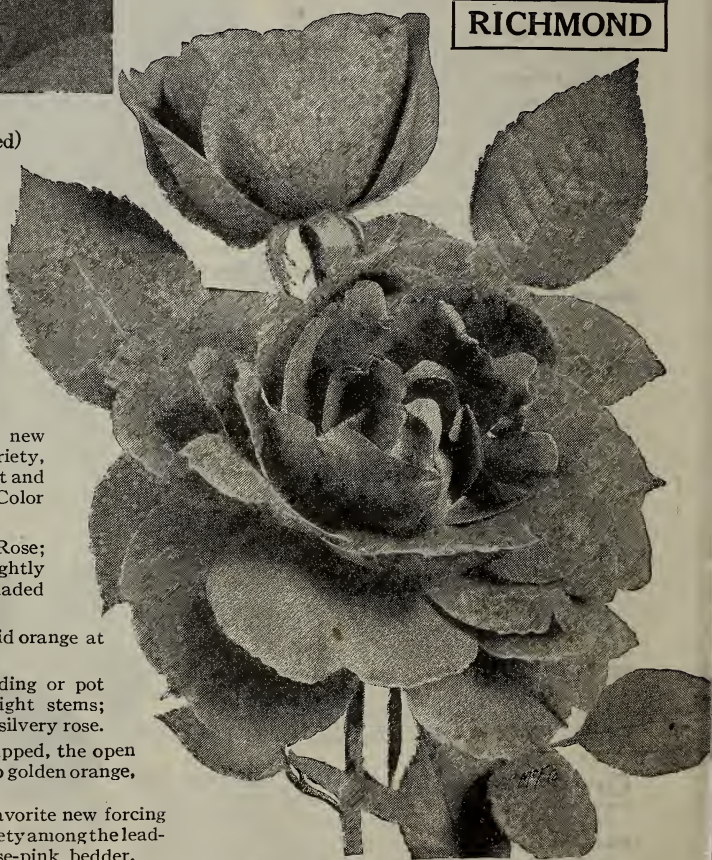
\***Radiance.** Extra hardy, vigorous and prolific; one of the best all-'round Garden Roses. Its color is a beautiful blending of carmine-rose with shades of opal and copper.

\***Red Radiance.** The wonderful, globular, heavy-stemmed "Radiance" duplicated in all respects except color; this sport form being a brilliant crimson.

**Richmond.** Scarlet crimson of most brilliant hue. Buds long and pointed, open flowers beautifully formed. Unusual and typical fragrance; foliage attractive.

**White Killarney.** A duplicate of the charming pink Killarney, with flowers white as snow.

\***White Mamam Cochet.** A beautiful pure white.



RICHMOND

## HYBRID PERPETUAL ROSES

These are the "June Roses" so admirably suited for garden culture, the formation of Rose beds, hedges, etc. In May and June these lovely Roses are brilliant with large, perfumed flowers of richest colors, far exceeding the Everblooming class in size and vivid effects. Some varieties bloom late in summer and even into autumn.



"White American Beauty"

**Alfred Colomb.**  
Bright carmine crimson. One of the very best dark colored sorts.

**Anna de Diesbach.**  
Brilliant rose color.

**Baron de Bonnstetten.**  
A splendid shade of dark red, changing to velvety maroon.

**Capt. Hayward.** High built, large, full handsome flowers of carmine-crimson. Distinct.

**Clio.** Color, delicate satin blush, with a light shading of rosy pink.

**Coquette des Blancches.** Fine form; pure white.

**Duke of Edinburgh.** Brilliant crimson-scarlet shaded with maroon.

**Eugene Furst.** Beautiful, velvety crimson, with distinct shading of maroon.

**Fisher Holmes.** Large, moderately full and finely imbricated flowers of rich, glowing crimson. Sweetly fragrant and much prized for bouquets. One of the old reliable pink sorts.

**Francois Levet.** Large, bright clear rose color.

**Frau Karl Druschki.** The regal "White American Beauty."

The distinctive form and expression of its bud, half opened state and maturity are a three-fold revelation of exquisite charm and beauty. In our gardens they commence blooming with the June Roses, are conspicuous throughout the summer with their large flowers of waxy paper-white, and yield their last armful with the first snows of an early fall.

**General Jacqueminot.** Rich crimson scarlet.

**Geo. Arends.** (Pink Druschki.) A magnificent new Rose of much the same shaped flower and plant character as the famous white Druschki; color a satiny, tender rose.

**George Dickson.** A magnificent new Irish Rose in many ways the best of its type. Flowers are of charming contour, extreme size and rich perfume; velvety crimson with scarlet reflexed tips and heavy maroon veinings, causing lustrous shadows on the reverse.

**Glorie Lyonnaise.** Beautiful salmon-yellow; fragrant.

**J. B. Clark.** Flowers are large and superbly constructed, deep scarlet overlaid with crimson.

**John Hopper.** A beautiful dark pink.

**Mad. Gabriel Luizet.** A very popular, large flowered sort; bright silvery pink.

**Magna Charta.** Strong growing, early blooming, with large flowers of bright rose pink.

**Margaret Dickson.** Large flowered and extra vigorous, white tinted with flesh next to center.

**Marshall P. Wilder.** Bright cherry carmine, very fragrant; one of the freest bloomers.

**Mrs. J. H. Laing.** A grand sort, with fine flowers of soft, delicate pink, with satin cast.

**Mrs. R. G. S. Crawford.** Grandly formed flowers of warm, delicate pink, the heavy petals finely imbricated.



Eugene Furst

**Paul Neyron.** One of the finest hardy Roses ever grown. It blooms unceasingly from June to November, on uniformly shaped flowers 4 to 6 inches across. Color a bright ruddy pink.

**Prince Camille de Rohan.** Very dark velvety crimson, changing to intense maroon. One of the deepest reds.

**Ulrich Brunner.** Cherry red. A popular forcing sort.



Geo. Arends

# HYBRID POLYANTHA, FAIRY or BABY RAMBLER ROSES



Orleans

This type has been in existence only a few years, but so much were they needed and so admirably do they meet the need, there is no class of Roses today being so widely planted nor so high in general estimation. They are such splendid, hardy, showy, compact bedders; they keep their color so well and continue in full bloom through such a remarkably long season, there is no end to the uses to which they may be put.

## STRONG 2-YEAR FIELD GROWN

\*See Also Pot Roses

**Baby Rambler.** The original dwarf form of Crimson Rambler. The wonderful persistency of its bloom makes it one of the choicest plants in cultivation for summer bedding; and as an edging to borders of Shrubs, Roses or Perennials, it has no equal.

\***Baby Tausendschön.** (Louise Welter.) Dwarf, bushy growth; flowers large, semi-double, in pretty clusters; a prevailing flesh-pink, color. Flower an exact counterpart of the beautiful climbing Rose Tausendschön.



Baby Tausendschön

\***Clotilde Soupert.** Flowers large, fully double, numerous and deliciously sweet; beautiful creamy white merging into a center of clear bright pink. This variety is an old favorite and marked famous beauty spots in the garden many years before the "Baby Ramblers" were known.

\***Echo.** (New.) Beautiful, semi-double, blush white flowers of the Tausendschön type produced in great abundance; plant growth strong and vigorous.

**Ellen Poulsen.** A very free and vigorous type, with large, full, sweet scented clusters of dark pink.

**Erna Teschendorf.** The most vivid crimson of any Polyantha Rose, easily the best all-red Baby Rambler yet produced. One valuable quality in which it excels is that it never loses color under the hot sun. Flowers large, fully double, and borne profusely the entire season.

**Mad. Cutbush.** Clear, flesh pink, with shadings of rose. One of the older types and largely used as "Pink Baby Rambler."

\***Orleans.** Geranium red, with a distinct center of pure white. Remarkably free blooming, and of unexcelled keeping qualities; a great favorite. Although the flowers of this charming variety are numerous, they are not crowded; each individual bloom standing out distinctly in a most pleasing arrangement.

\***White Baby Rambler.** Its pure white flowers are perfectly double, and bloom with the unceasing freedom of the reds and pinks of this class.

**Baby Rambler Tree Rose.** Combining the utility of the standard or tree form to elevate the show of bloom above surrounding objects, with the globular, compact bush-top, which fairly flames with crimson during the long blooming season. Price \$1.50 each.

## MOSS ROSES

A species of beautiful Roses distinguished by the moss-like covering of their buds. Vigorous, stocky growth, lustrous foliage and perfect hardiness make them valuable for out-door planting. The flowers are usually large and, although they bloom but once a year, retain their beauty exceptionally long.



**Blanche Moreau.** Pure white.

**Countess of Murinais.** White, beautifully mossed.

**Crested.** Deep pink buds, surrounded by a mossy fringe and crest; exquisitely fragrant.

**Deuil de Paul Fontaine.** Deep crimson; constant.

**Henri Martin.** Rich glossy pink tinged with crimson; large globular flowers.

**Luxembourg.** Bright crimson.

**Perpetual White.** Clustered pure white flowers.

**Princess Adelaide.** Fine large flowered; very double and fragrant; color bright rosy pink.

**Salet.** Light rose, large and full; good Autumn bloomer.

SEE COMPLETE PRICE LIST OF ROSES ON PAGE 91

# HARDY CLIMBING ROSES INCLUDING THE RAMBLER GROUP

Romance in poem, prose and picture has ever fed upon the clustered glories of the Climbing Rose. No door so humble, no marble pillar so ornate, no lover's garden tryst so full, but that the Rose in climbing, twining, overhanging beauty is provided to adorn the scene.

Since the advent of the sensational Crimson Rambler, development of Hardy Climbers has made wonderful strides; the lists of today offering a remarkable variety of types and colors, in perfected quality.

**\* American Pillar.** One of the most valuable and attractive of the Hardy Climbers, flowering profusely in large, compact clusters. The single flowers range from 2 to 5 inches in width. Brilliant carmine rose, with a slight cream variegation and yellow stamens at center.

**Baltimore Belle.** Very double blush white.

**\* Climbing American Beauty.** (New.) This new climbing form of the famous pink Rose so long the American favorite for cutting, is as lovely and fragrant and deeply pink as the bush form. The hardy climber blood with which it is crossed gives healthy, perfect foliage and a strong climbing habit of growth; the abundant bloom being in prime before the June show of the bush type.

**Crimson Rambler.** The famous crimson-clustered climber. Makes shoots 8 to 10 feet long in a season.

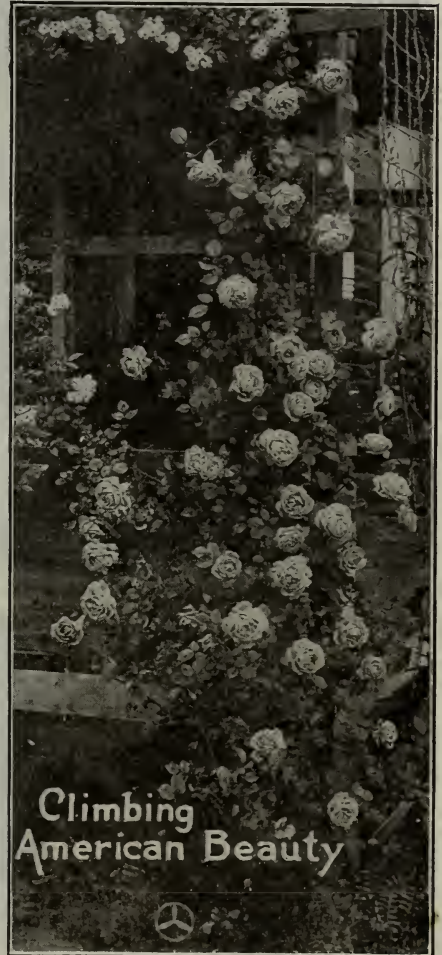
**\* Doctor Van Fleet.** One of the newer type of climbers which combines absolute hardiness with flowers large as the tender sorts of Tea and Noisette class. This variety shows a mass of beautiful clustered buds, which open out into large, shapely flowers; delicate flesh white. An admirable cutting variety with stems 12 to 18 inches long.

**\* Dorothy Perkins.** A beautiful shell-pink, foliage finer, smoother and darker than Crimson Rambler.

**\* Excelsa.** (Red Dorothy Perkins.) A radiant, blood-red cluster Rose, as free and double as Dorothy Perkins, of which it is the red prototype. The clusters are very large.

**Flower of Fairfield.** (The Everblooming Crimson Rambler.) It carries the crimson splendor of the type from spring even into November; commencing to bloom on the first young, red shoots, and adding size and brilliancy with its growth of wood.

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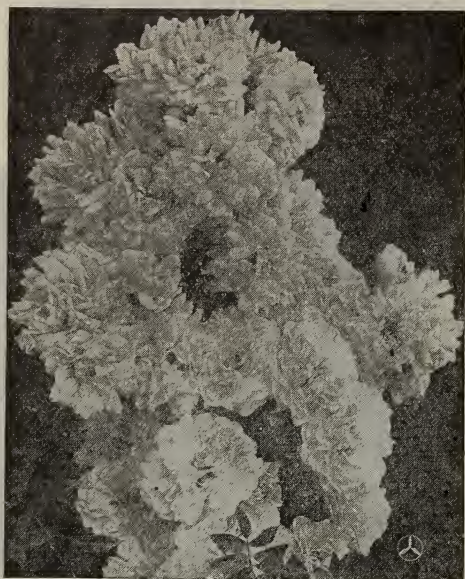
**\* Goldfinch.** (New.) The best yellow Rambler to date. Flowers large, semi-double, in full clusters; a rich, lemon yellow.

**\* Hiawatha.** Its small flowers, deep ruby crimson, accentuated by a white eye, are uniquely borne in long trails of 40 to 50 blooms. Very popular for training on fences; not only as a covering for the fence, but because it is really one of the prettiest Roses of its kind.

**Mrs. C. W. Thompson.** Something new in hardy climbers, unlike anything heretofore offered. Not a rampant grower like D. Perkins, but full-leaved and substantial like the older Pillar Roses, with the shiny green foliage of the Wichuriana class. The individual flowers are unique in form; being perfectly quilled, full, small buttons, resembling nothing else so much in shape and deep pink color as a Pompon form of that unsurpassed old Dahlia A. D. Livonia. These blooms are lavishly produced in dense clusters throughout an unusually long season.



Hiawatha



White Dorothy

### ROSA RUGOSA AND ITS HYBRIDS

A valuable, perfectly hardy type much used in landscape work; the heavy wood and shrubby formation adapting it to hedges and hardy borders, or to mixed shrubby groups. The foliage is lustrous, dark green, usually corrugated, and is impervious to attacks of insect pests. Flowers are borne in clusters of varying size and construction, and are succeeded by persistent fruits which carry their usefulness into winter.

**Rosa Rugosa Rubra.** Single flowers, rosy crimson; orange-scarlet fruits.

**Rosa Rugosa Alba.** Single white.

**Agnes Emily Carman.** Flowers large, semi-double, rich crimson.

**Belle Poitevine.** Very free and branching, every tip laden with immense rosy red bouquets. Buds very long; perfume exquisite.

**Blanc Double de Coubert.** Purest paper white, blooming in clusters of from 5 to 10 five-inch flowers.

**Chas. Fred'k Worth.** Attractive, deep green foliage, denser and darker than the other Hybrids; flowers deep crimson with carmine shadings, fairly double.

**Conrad Ferd. Meyer.** An early flowering Hybrid combining the ornamental qualities of its Rugosa foliage with the blossom beauty and perfume of the Hybrid Perpetuals. Flowers large, cup-shaped and double; of a delicate silvery pink.

**Hansa.** Brilliant red flowers, large and handsome.

**Mad. Georges Bruant.** Semi-double pure white, produced freely in showy clusters.

**New Century.** Flowers very large, semi-double, borne in full clusters; flesh pink, widely bordered creamy white.

**Nova Zembla.** Similar in character to C. F. Meyer, with beautiful pure white flowers.

### HARDY CLIMBING ROSES (Continued)

**Prairie Queen.** Always popular. Bright rosy red.

**\*Roserie.** This splendid new Rose is derived as a sport from Tausendschön; and, while showing exactly the same vigorous growth, clean foliage and great freedom of bloom as the parent, its flowers are a deep, glowing pink.

**\*Tausendschön.** (Thousand Beauties.) A rapid growing, almost thornless climber, showing the blood of Rambler, Polyantha and Tea parentage. Its innumerable flower clusters make a pretty show in June and July; at first, the soft pink of Clotilde Soupert, and later deepening to a bright carmine rose.

**Trier.** Semi-double, produced freely and continuously in large clusters of creamy white; the center being filled with bright yellow anthers so long and numerous that at a distance the Rose appears yellow.

**\*Veilchenblau.** (The Blue Rambler.) This unique novelty is now commonly accepted as a truly blue Rose. Its flowers are somewhat larger than Crimson Rambler but otherwise it closely follows the type, and is very attractive with its shiny green foliage and the steely blue of its flowers.

**\*White Dorothy.** A beautiful white-flowered counterpart of the pink Dorothy Perkins. The vines are a sheet of white.



Rugosa Roses Showing Fruit

### NATIVE or "WILD" ROSES

Universally admired for their distinct, unforgettable fragrance, for the extravagant profusion of their pretty single flowers, and for the large, bright-colored berries which cling far into winter. Utilized for planting among shrubs, and to reclaim and cover waste ground.

**Blanda.** (Meadow Rose.) Slender, reddish purple branches almost thornless, with pale green, oval foliage. Bright rose, May-flowers.

**Carolina.** (Swamp Rose.) Hardy in either wet or dry soil. Shrubby growth, pretty pink flowers.

**Humilis.** (Pasture Rose.) Ground cover, pink.

**Lucida.** The familiar red fruited "Wild Rose."

**Multiflora.** Strong growing, with long arching canes almost covered with white clusters in June.

## JAPANESE TRAILING ROSES

The evergreen, lustrous, dense and healthy foliage of this species make them indispensable for ground covering and shallow bedding. They bloom profusely during a long season and brighten the early winter months with conspicuous fruits and still green foliage. Although trailing in tendency, every variety yields readily to upright training.

**Rosa Wichuriana.** (Memorial Rose.) Handsome for covering rockeries, mounds or embankments; especially valuable for cemetery planting. The pure white single flowers appear in greatest profusion during the month of July.

### HYBRID WICHURIANA ROSES

**Debutante.** Pure white clusters.

**Evergreen Gem.** This Rose possesses phenomenal vigor, growing even during the milder periods of winter. Its glossy green foliage is truly evergreen; creamy white flowers numerous, and rich with the fragrance of the Sweet Briar Roses.

**Jersey Beauty.** Fragrant single flowers, in clusters. Pale yellow, with conspicuous tufts of bright yellow stamens.

**Manda's Triumph.** Pure white and very double, produced in covering clusters of from 10 to 12 each.

**Pink Roamer.** Large, single, in striking clusters; pink, with white center.

**South Orange Perfection.** Soft blush pink at the tips, changing to white.

**Sweetheart.** A beautiful shade of rosy pink, free and continuous.

**Universal Favorite.** Flowers double, of a beautiful rose color; very fragrant.



Double Hybrid Wichuriana—Debutante

### LORD PENZANCE'S HYBRID SWEET BRIARS

An interesting group with single, exquisitely colored flowers borne in the greatest profusion; bush sweet-scented. If used for hedging, plant two feet apart.

**Amy Robsart.** Deep rose.

**Anne of Geierstein.** Dark, velvety crimson.

**Jeannie Deans.** Scarlet-crimson.

**Lord Penzance.** Fawn, with golden center.

**Lucy Ashton.** White, edged pink.

**Meg. Merrilies.** Bright crimson.

### MISCELLANEOUS HARDY ROSES

**Harrisons Yellow.** Free flowering, semi-double yellow garden Rose, the bush alone being quite ornamental.

**Mad. Plantier.** (Hybrid China.) One of the most satisfactory Roses for cemetery or yard planting. Blooms in the middle of June, when its large clusters of purest white flowers form a perfect mound of white.

**Persian Yellow.** An old favorite; very early, fragrant, shrubby type for the yard. Deep golden yellow.

**Setigera.** Useful for massing in picturesque hillside brambles; as borders to wildwood drives; as filling for dead corners; and with equal harmony, as a congenial mixer with shrubs and in single specimens.

Setigera is a good practical porch and trellis climber or with occasional clipping makes a showy, satisfactory bush. Large single flowers in abundance all summer; color, a bright rose red.

### STANDARD or TREE ROSES

The Tree Roses are grafted on hardy Rose stalks four to five feet high, and when in full bloom are objects of beauty, making handsome plants for the lawn or Rose border. In this shape we offer only the Hybrid Perpetual and hardy classes. We have them in white, the different shades of pink, red and crimson. Fine, strong trees that will bloom nicely the first year. \$1.00 each. These can only be sent by express or freight.

### BABY RAMBLER TREE ROSE

A most attractive novelty in hardy Roses. Budded on strong, straight stems four feet high; the round bushy Baby Rambler tops at all times a perfect mass of crimson bloom. The most florescent of all Tree Roses. \$1.50, by express.



Crimson  
Rambler  
Tree Rose



# POT-GROWN ROSES



All of the harder sorts, of which the larger part of stock has been raised in the open ground, will be found separately listed under a preceding section devoted to "Field Grown Roses," and in each list is preceded by a (\*) star.

**CULTURE OF ROSES IN POTS.** For house culture the various types of Everblooming Roses will give a succession of bloom if treated in the following manner: Drain the pots well with broken-bits of crock; mix one part of well-rotted cow manure with two parts of light, friable soil, and press firmly about the roots in potting. Keep well watered during the summer, more scantily in fall and winter. Pinch off all flower-buds until winter, and then give all the sunlight possible. Keep your plants clean and growing. About 60 degrees is the best temperature for window or general indoor culture.

## GENERAL COLLECTION OF EVERBLOOMING ROSES

Offered in ½ year stock from 4 inch pots, and in 1 year stock from 2½ inch pots.

Price per dozen is 10 × single rate in each case.

### TEA and HYBRID TEA ROSES

|   | 2½ in. | 4 in.  |
|---|--------|--------|
| * <b>Blumenschmidt.</b> Pure citron yellow edged tender rose on outer petals. ....  | \$0.15 | .....  |
| <b>Columbia.</b> A beautiful, true pink; deepening as it matures to a warm, glowing tone, which is enduring. Its unusual double petalage and substance make it a good summer Rose, while the great size, color and long (almost thornless) stems mark it as a superior cutting variety. 3-inch pots, 35 cts. each; \$3.50 per dozen. .... |        |        |
| * <b>Crimson Queen.</b> A fine, free blooming crimson scarlet; fragrant. ....   | .15    | \$0.35 |
| <b>Dora Hanson.</b> A fine, bright pink. ....   | .25    | .....  |
| * <b>Etoile de France.</b> Garnet red and cerise. ....  | .20    | .40    |
| * <b>Edward Mawley.</b> Velvety crimson. ....   | .25    | .60    |
| * <b>Gen. MacArthur.</b> Dazzling crimson. ....   | .20    | .....  |
| <b>Hoosier Beauty.</b> Velvety crimson scarlet. ....  | .20    | .40    |
| * <b>Jonkheer J. L. Mock.</b> Bright pink, faced carmine. Grand new bedder. ....  | .20    | .40    |
| * <b>Killarney.</b> Mottled pink. ....  | .15    | .35    |
| * <b>Lady Hillingdon.</b> A deep shade of yellow which does not easily fade. ....   | .15    | .35    |
| * <b>Lady Alice Stanley.</b> Delicate shell pink  | .20    | .40    |
| * <b>Los Angeles.</b> Flame pink toned with coral, tinged with gold at base. A superb new California Rose. ....   | .35    | .75    |
| <b>Mad. Francesca Krueger.</b> Large flowers of coppery yellow. ....  | .15    | .35    |
| * <b>Mad. Leon Pain.</b> Silvery salmon overlaid orange at center. ....   | .25    | .60    |
| <b>Mad. Segond-Weber.</b> Warm, deep pink. ....   | .20    | .40    |
| * <b>Mamam Cochet.</b> Rose pink. ....  | .15    | .....  |
| <b>Mrs. Amy Hammond.</b> Amber and apricot, with a blend of ivory; free and constant. ....  | .35    | .....  |
| * <b>Mrs. Aaron Ward.</b> Small dainty flowers; golden orange, shading to cream. ....   | .20    | .40    |
| <b>Mrs. B. R. Cant.</b> Salmon rose. ....   | .15    | .30    |
| <b>Mrs. Franklin Dennison.</b><br>Porcelain white veiled in primrose yellow, deepening to ochre at base of petals. Large, full flowers; very fragrant. ....   | .25    | .....  |
| * <b>Mrs. George Sawyer.</b> Choice rose-pink. ....   | .20    | .....  |
| * <b>My Maryland.</b> A popular lively pink. ....   | .15    | .30    |
| <b>National Emblem.</b> Dark, velvety crimson brightening to vermillion at tips. Perfect form; large and fragrant. ....   | .25    | .....  |
| * <b>Ophelia.</b> One of the finest recent introductions for cut flower use; salmon-flesh shaded with rose. ....  | .20    | .35    |
| * <b>Radiance.</b> A beautiful blending of carmine rose with opal and copper shades   | .20    | .35    |

|   | 2½ in. | 4 in.  |
|---|--------|--------|
| * <b>Red Radiance.</b> Same form and habit; deep carmine. ....  | \$0.20 | .....  |
| <b>Tipperary.</b> Clear yellow of charming tone and gloss. Buds pointed; small rosette flowers in great abundance, on longer stems than most corsage Roses. Makes a particularly dainty pot plant. .... | .20    | \$0.35 |
| * <b>White Mamam Cochet.</b> ....   | .15    | .30    |
| <b>Winnie Davis.</b> Soft pink tinged yellow. ....  | .20    | .40    |

### HYBRID POLYANTHAS or "BABY RAMBLER" GROUP

|  | 2½ in. | 4 in.  |
|--|--------|--------|
| <b>Baby Dorothy.</b> Fluted petals, bright pink  | \$0.20 | \$0.35 |
| <b>Baby Doll or "Tip Top."</b> Golden yellow, tipped cerise. A wonderful little bouquet Rose. ....     | .20    | .40    |
| * <b>Baby Tausendschön.</b> White and pale pink. ....  | .20    | .40    |
| * <b>Clotilde Soupert.</b> Creamy white and pink. ....   | .15    | .30    |
| * <b>Echo.</b> (New.) A lovely blush white. ....   | .20    | .40    |
| <b>George Elger.</b> Yellow Baby Rambler; a beauty. ....   | .20    | .40    |
| <b>Gruss an Aachen.</b> Reddish orange effect; an attractive novelty. ....                             | .20    | .....  |
| <b>Jessie.</b> Richmond red. ....  | .15    | .30    |
| <b>Mlle. Cecile Brunner.</b> Color salmon rose on a yellow ground; very fragrant                       | .20    | .40    |
| * <b>Orleans.</b> Flowers are strikingly handsome; a warm Geranium red with center of pure white. .... | .20    | .40    |
| * <b>White Baby Rambler.</b> Its pure white flowers are perfectly double, and bloom unceasingly. ....  | .15    | .30    |

### HARDY CLIMBING ROSES

For Pillars and Trellises

|   | 2½ in. | 4 in.  |
|---|--------|--------|
| * <b>American Pillar.</b> Large single flowers carmine-rose, with cream and yellow center. ....                   | \$0.20 | \$0.40 |
| * <b>Climbing American Beauty.</b> Hardy Hybrid Tea; magnificent pink climber. ....                               | .20    | .40    |
| * <b>Dr. Van Fleet.</b> Delicate flesh white; flowers large in fine cutting clusters. ....                        | .25    | .50    |
| * <b>Dorothy Perkins.</b> Dense clusters of double pink flowers, fluted petals. ....                              | .15    | .....  |
| * <b>Excelsa.</b> Strong climber; blood-red. ....   | .15    | .30    |
| * <b>Gold Finch.</b> Buds rich lemon yellow, open flowers a trifle lighter. ....                                  | .15    | .30    |
| * <b>Hiawatha.</b> Deep ruby crimson, with white eye; small flowers, big clusters. ....                           | .20    | .40    |
| <b>Lady Gay.</b> Cherry-pink and white. ....  | .15    | .35    |
| * <b>Roserie.</b> Deep glowing pink. ....   | .20    | .40    |
| <b>Silver Moon.</b> Four to five inch semi-double flowers; pure white with thick clusters of yellow stamens. .... | .30    | .60    |
| * <b>Tausendschön.</b> Soft pink and carmine intermingled with white. ....  | .20    | .40    |
| * <b>Veilchenblau.</b> The "Blue Rambler". ....   | .15    | .30    |
| * <b>White Dorothy.</b> Best white climber. ....  | .15    | .30    |

## HARDY PERENNIAL PLANTS



### FOR PERMANENT PLANTING IN BORDERS OR BEDS

The planting of hardy perennials has received a wonderful impetus during the past few years, mainly through the advertising and efforts of prominent Landscape Gardeners who have striven towards a revival of those delightful, colorful effects so common to the gardens of long ago. It needs but one thoughtfully arranged, generously proportioned plantation in a community to incite others to keen appreciation and desire.

Today there is no department of any ornamental nursery so alive and progressive, as this extensive line of hardy herbaceous plants which go into the making of

#### THE OLD FASHIONED HARDY GARDEN

**Why.** Perennials are planted, essentially, for their yield of flowers. With the right selection of classes and varieties, our garden plots may be kept bright and cheery with bloom from before the first robin's song in spring, until Nature herself gives up the gracious task in early winter.

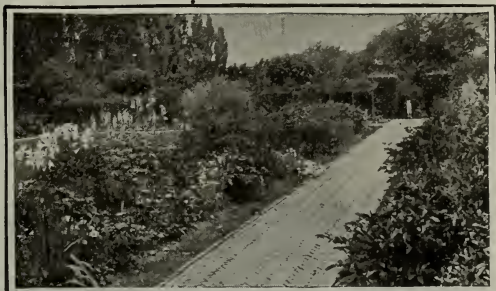
**When.** These roots may be planted as early in spring as the ground is pliable (or in the autumn); selecting an opportunity when the soil is not cold, wet or soggy. Large clumps are not necessary nor often desirable; the smaller divisions or pot grown stock showing more thrift and virility, and developing into shapelier plants than the bulkier old roots.

**Where.** Proper location and intelligent distribution are important items and should receive serious consideration. Any good soil sensibly enriched with rotted manure, bone meal or sheep manure as available, dug deep and thoroughly mixed, will be satisfactory.

Various coarse-leaved, tall growing sorts, such as Anchusas, Boltonias, Cassia, Hollyhocks, Golden Glow, Mallows, Sunflowers, etc., should of course be located in the **background**. The **front** of the border should be laid out in the dwarfest growing kinds, such as Achillea, Columbines, Shasta Daisies, Euphorbias, Gaillardia, Heuchera, Hypericum, Dwarf Lychnis, Forget-me-nots, Plumbago, Iceland Poppies, Sedums, etc. **Intermediate** rows will take care of the great majority of perennials; the principal requirement in their location being to so dispose that colors will not clash, nor be unequally distributed. The matter of variation in **blooming season** should also affect location, in order to have no material section of the garden without some show of color at any time of the year. Thoughtful study of succeeding pages with these matters in view, will pay its own reward.

**How.** **SPACING.** In planting perennials, it is generally safe to space those varieties which do not grow above two feet, about 12 inches apart; the taller ones at an interval one-half the ultimate height. Crowded or stingy planting are equally disastrous to healthy growth and perfect effect.

**CULTIVATION.** Don't let up with the hoe! Keep the ground well cultivated, leveled and free from litter;



except during protracted drought, a light mulch of short grass (sweepings from the lawn) will help retain moisture and keep the soil from baking.

**TRAINING.** Judicious "staking" at an early date will adjust many later defects of top-heaviness or unequal development. If done early, the correction and support will be absorbed; after maturity, any alteration would appear abnormal and unsightly.

**TIDINESS** goes a long way towards an attractive garden. Snipping a broken twig; an untangling here and there; removing withered leaves, dead flower stems, etc., will repay the odd moments of time and attention.

**DIVIDING.** The earliest flowering types are generally dwarf, compact and close rooted; these may be left undisturbed for several years. The tall sorts of late summer and fall are fast growing and prolific; it will be found a positive advantage to quality of bloom and general appearance, if these are taken up, divided, and a part only replanted, at least every second year.

**WINTER PROTECTION.** Everything listed in this section is "hardy," but in varying degree. For instance, Tritomas, Poppies and Shastas really need some protection. A light covering of coarse straw manure or leaves (not over 2 or 3 inches deep) will give comfort to all kinds, and ensure safety for the weak. After removing all stems and dead foliage, during the last days of November, or before severely cold weather sets in, apply this dressing, remembering to remove it gradually next spring, as soon as frost begins to leave the ground.

## GENERAL ASSORTMENT OF HARDY BORDER PLANTS



**Achillea Boule de Nieve**

### **Achillea, Boule de Nieve.** (Ball of Snow.) A

new form of this valuable perennial, more erect and compact than The Pearl, with fuller ball shaped flowers; pure white. 15 cts.; \$1.50 per dozen.

—**The Pearl.** One of the very best white flowered border plants, resembling Pompon Chrysanthemums. 15 cts.; \$1.50 per dozen.

**Alyssum Saxatile Compactum.** (Golden Tuft.) A useful little border and rockery plant, growing not over 12 inches high; covered with enveloping flat clusters of bright golden-yellow flowers early in summer. 15 cts.; \$1.50 per dozen.



**Anchusa Dropmore**

**Anchusa Italica, Dropmore Variety.** A bold, broad leaved growth, and flower stems 3 to 5 feet high, bearing a continuous show of deep blue flowers from spring until late summer. The stools are quite dense and bushy, each stem nearly covered full length with double, inch wide flowers, of the deepest cobalt blue. 15 cts.; \$1.50 per dozen.

—**Opal.** A new variety of much the same azure blue shade as found in Belladonna Larkspur; the unopened buds suggesting the pink of apple blossoms. 20 cts.; \$2.00 per dozen.

**Fall Blooming,  
"Wind Flowers"**



**ANEMONE JAPONICA.** (Wind Flowers.) A valuable class, suitable for edging, massing or single specimens. They grow rapidly 2 to 3 feet, and are profuse in bloom, gaining strength and beauty each year. The blooming period extends from August till mid-November, the large open flowers furnishing abundant cut-flowers and a brilliant field display.

—**Alba.** Purest white, with yellow center.

—**Autumn Queen.** A new semi-double variety; deep rose. 20 cts. each; \$2.00 per dozen.

—**Giant des Blanches.** Immense white. 20 cts. each; \$2.00 per dozen.

—**Prince Henry.** Large double, deep pink.

—**Lady Ardilaun.** Pure white.

—**Queen Charlotte.** Flowers semi-double, broad and perfectly formed, of that pleasing shade of pink found in La France Rose.

—**Rosea Superba.** Very free; delicate silvery rose.

—**Rose d'Autumn.** A beautiful shade of shell-pink; large single flowers in abundance.

—**Rubra.** Showy rose-color, yellow center.

—**Whirlwind.** Excellent double white flowers.

Anemones, except noted, 15 cts.; \$1.50 per doz.

# Columbine



## AQUILEGIA (Columbine)

The distinct, clear-cut foliage and delicate arrangement of colors in the flowers of Columbine make it one of the showiest and most desirable of the hardy garden plants; especially suitable for rock-work, at the base of foundation walls and under trees. Bloom in early spring.

- Caerulea.** The dainty "Rocky Mountain Columbine," blue and white.
- Chrysantha.** The "Golden Spur" Columbine.
- Alba.** Fine white flowers.
- Grandiflora Alba.** Long spurred white.
- Helena.** A beautiful shade of deep blue, with large white corolla. 20 cts. each; \$2.00 per dozen.
- Jaetschauui.** A fine new variety; bright yellow with carmine spurs. 20 cts. each; \$2.00 per dozen.
- Skinneri.** Yellow, with long red spurs.
- Long Spurred Hybrids.** A fine English strain, producing many distinct shades and combinations, running through purples, blue, red and yellow. These are particularly pleasing shades of color and attractive in form, a good sized planting making a most vivid display in spring.

Unless noted, 15 cts.; \$1.50 per dozen.

**Arabis Alpinus.** (Rock Cress.) Low growing plants especially suited to rock-work, flowering in small white terminal racemes. They commence to bloom in May and continue a long time. 15 cts.; \$1.50 per dozen.

**Armeria.** (Cushion Pink.) Dwarf compact growing plants, grassy foliage evergreen, throwing up numberless spikes of little ball shaped flowers from spring till fall.

- Formosa.** Shades of pink. 9 inches.
- Maritima Splendens.** Rosy pink. 14 inches.

All Armerias, 15 cts.; \$1.50 per dozen.

## HARDY ASTERS

(Michaelmas Daisies)

A very useful and attractive family of perfectly hardy perennials, which is but recently coming into its own. Various additions to older lists, now give a wide range of selection as to height, blooming character, season and color.

**Aster Alpinus Albus.** Spring flowering, 8 to 10 inches high; particularly valuable in rockeries and low borders. White flowers in great abundance during May and June.

—**Acris.** Summer flowering, very rich with violet-blue flowers during July and August; 12 to 15 inches.

—**Beauty of Colwell.** One of the best; in its prime during September when the 3 to 4 foot, branchy plants are literally covered with semi-double flowers of Ageratum-blue. 20 cts. \$2.00 per dozen.

—**Feltham Blue.** Masses of aniline-blue flowers during August and September; on branchy plants 2½ feet high. 20 cts. each; \$2.00 per dozen.

—**Laevius.** A splendid light blue variety. 4 feet.

—**Novae Angliae.** The famous old New England Aster. 4 to 5 feet tall, with a wonderful fall show of deep violet-blue flowers.

—**Rosea.** Bright rosy mauve.

—**Novi Belgii Climax.** A new variety of remarkable attractiveness and beauty, standing 5 feet high with much branched, pyramidal clusters of light lavender blue flowers from August to mid-October. These flowers average 1¼ inches in width, and cover the upper half of plant.

—**Novi Belgii St. Egwin.** Plant is dense, bushy, about 30 inches high, with very ornamental fine cut, dark green foliage. Unlike most top blooming sorts, this variety blooms profusely clear up from the ground; delicate pastel pink. 20 cts. each; \$2.00 per dozen.

—**Mme. Soyneuse.** Dwarf; deep purple, with yellow center. 2½ feet.

—**Snowflake.** 18 inches; pure white.

—**Tartarica.** Bright purple; heavy stems and foliage. 5 feet.

—**Thos. S. Ware.** Delicate blue. 3 to 4 feet.

—**Top Sawyer.** Clear parma violet. 4 feet.

—**Trinervus.** Deep violet-purple, in bloom during October and November. 2½ feet.

—**White Queen.** Dwarf, good cutting sort; creamy white, with twisted petals. 2½ feet.

All Asters, except noted, 15 cts.; \$1.50 per dozen.



Aster Climax

**Boltonia Latisquama**

**Baptisia Australis.** (False Indigo.) Deep blue flowers in pretty racemes during June and July. 2 feet. 15 cts.; \$1.50 per dozen.

**Bocconia Cordata.** (Plume Poppy.) Six feet. Immense flat, deeply indented leaves of silvery green on paler stalks. Flowers creamy white, produced in large upright panicles. This can be used with striking effect in backgrounds, or mixed with other tall growing perennials. 15 cts. each; \$1.50 per dozen.

**Boltonia Asteroides.** (False Chamomile.) Bushy plants 5 feet high, with Aster-like white flowers. 15 cts. each; \$1.50 per dozen.

—**Latisquama.** When in bloom a showy mass of lavender pink flowers. The large sprays make good cut-flowers. 15 cts. each; \$1.50 per dozen.

**Canterbury Bells****Blue Spirea****Cerastium Tomentosum**

## CAMPANULA

(Bell-flower)

Its various types are among the most beautiful perennials in cultivation, very free of bloom, and adapted to any garden soil.

—**Calycanthem.** ("Cup and Saucer.") Hardest and most popular form of Canterbury Bells. Single cup-shaped flowers 3 inches long, set in saucer like calyx 3 to 4 inches across;

entire flower of one color. Very productive. We offer three separate colors: **Blue, Rose, White.**

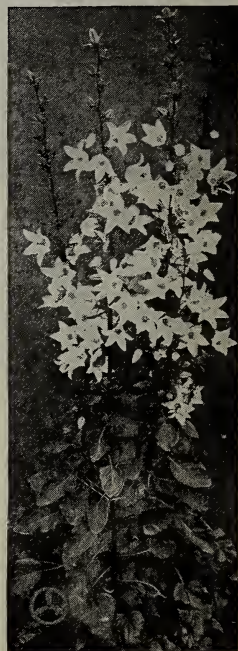
—**Carpatica.** (Carpathian Hare-Bell.) A pretty compact species, not exceeding eight inches high, one inch in diameter. **Blue or White.**

—**Media.** The well known "Canterbury Bells." Blooms in July, height 2 to 3 feet. **Blue, Rose or White.**

—**Persicifolia.** (Peach Bells.)  $1\frac{1}{2}$  to 2 feet high. Blue, salver shaped flowers.

—**Pyramidalis.** (Chimney Bellflower.) Very conspicuous; 4 to 5 feet high. Salver shaped flowers borne profusely in September. **Blue.**

**All Campanulas 15 cts.; \$1.50 per dozen.**

**Chimney Bellflower**

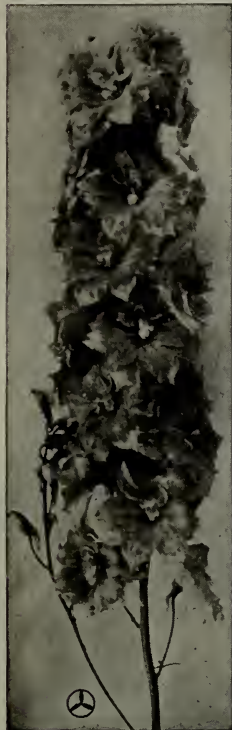
**Caryopteris Mastacanthus.** (Blue Spirea.) A fine, bushy border plant, growing about 3 feet high; from September until frost covered full length of the stems with attractive umbels of lavender blue. Not entirely hardy in the North and should be heavily protected. 15 cts. each; \$1.50 per dozen.

**Cassia Marilandica.** (American Senna.) Blooms in large panicles of bright yellow, July to August. Beautiful pinnate foliage of brilliant Nile green, 4 feet. 15 cts.; \$1.50 per dozen.

**Cerastium Tomentosum.** ("Snow-in-Summer.") A low growing rockery or carpet plant, with silvery foliage and white flowers. 15 cts.; \$1.50 per dozen.

**Coreopsis Lanceolata Grandiflora.**

The perfected strain of a long popular hardy plant. Flowers are rich golden yellow, borne in great profusion nearly the entire summer. 15 cts. each; \$1.50 per dozen. \$9.00 per 100 by express.

**Delphinium**

baceous garden. Their long, showy spikes of flowers persist from June till frost and furnish the most satisfactory blues to any color scheme.

—**Belladonna.** A magnificent new sort, unrivalled for continuance of bloom, with large spikes of the most delicate turquoise-blue. July till frosts. 15 cts.; \$1.50 per dozen.

—**Chinensis.** Fine stems and deeply cleft foliage; flowers showing all lighter shades of blue. 18 inch. 15 cts.; \$1.50 per dozen.

—**Alba.** Pure white flowers. 15 cts.; \$1.50 dozen.

—**Formosum.** The old-fashioned very dark blue variety. Three to four feet. 15 cts.; \$1.50 dozen.

—**Gold Medal Hybrids.** Plants vigorous, free blooming, with flower spikes 2 feet long. Grand assortment of colors ranging from lightest blue to purple. 15 cts.; \$1.50 doz.

**Dianthus Barbatus.** (Sweet William.) Great richness and variety of coloring; beautifully marked. Offered in separate colors, crimson, white and pink. 15 cts.; \$1.50 per dozen.

**Shasta Daisy****Shasta Daisy.**

A rigorously selected mixture of Burbank's new sorts Alaska, California and Westralia; giving us different forms and much larger flowers, ranging in shape from fully double to single; and in color, from pure white to pale lemon yellow—some solid, some prettily variegated with yellow discs. Plants are extremely productive of bloom, making as spectacular a field show and as profitable a cut flower supply as any Hardy Perennial grown. 15 cts.; \$1.50 per dozen. \$10.00 per 100 by express.

**Delphinium.**

(Perennial Larkspur.)

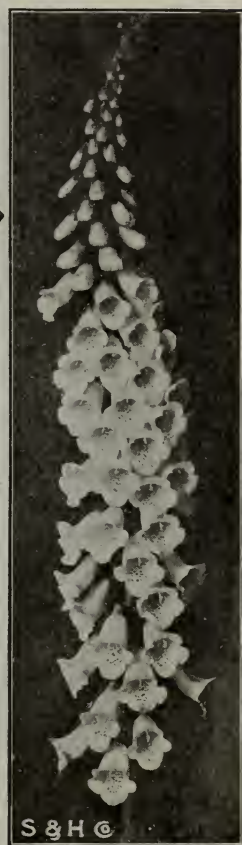
Indispensable to the her-

**Dicentra Spectabilis.**

(Bleeding Heart.) One of

the most delightful of all the early spring flowering plants, bearing numerous, rosy red, heart-shaped flowers in drooping racemes. Two feet. 25 cts.; \$2.50 per dozen.

—**Eximia.** Compound racemes of deep rose, the heart shaped flowers tapering to a long slender neck. Foliage is especially attractive. 25 cts. each; \$2.50 per dozen.

**Foxglove****Dictamnus Fraxinella**

(Gas Plant.) An interesting plant of shrubby bushy growth 2 to 3 feet high, bearing early summer flowers; and emitting a pleasing fragrance.

—**Rubra.** Spikes of curious red flowers. 20 cts.; \$2.00 per dozen.

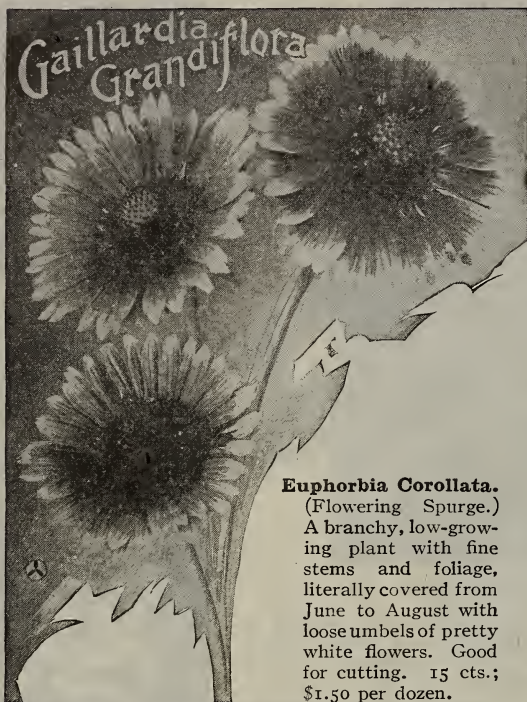
—**Alba.** White flowered. 20 cts.; \$2.00 per dozen.

**Digitalis.** (FoxGlove.)

A tall growing, old-fashioned plant that furnishes a grand display of thimble shaped flowers in immense spikes during July and August.

—**Alba and Rosea.** 15 cts.; \$1.50 per dozen.

**Dictamnus Alba**

**Gaillardia Grandiflora**

(Flowering Spurge.)

A branchy, low-growing plant with fine stems and foliage, literally covered from June to August with loose umbels of pretty white flowers. Good for cutting. 15 cts.; \$1.50 per dozen.

**Eupatorium Ageratoides.** (White Snakeroot.) Dense terminal heads of minute white flowers. 3 feet. 15 cts.; \$1.50 per dozen.

—**Coelestinum.** All-covering cymes of pretty blue Ageratum-like flowers. 2 feet. 15 cts.; \$1.50 dozen.

**Fragaria Indica.** (Indian Strawberry.) A handsome trailing plant of the wild strawberry character, very useful as a basket trailer or rock plant. Small yellow flowers are succeeded by scarlet fruit. 15 cts.; \$1.50 per dozen.

**FUNKIA Fortunei.** Slenderly cordate leaves, with long racemes of pale lilac, funnel-shaped flowers. 20 cts.; \$2.00 per dozen.

—**Glaucia.** Large, oval leaves, rigidly formal; color a conspicuous blue-green, densely pitted. Flowers pale lilac on medium sized spikes. 20 cts. each; \$2.00 per dozen.

**Gypsophila or "Baby's Breath"**

—**Marginata Alba.** Rather broad, ovate, up-standing leaves of bright green distinctly edged creamy white. Numerous tall spikes of medium sized blue flowers. 25 cts. each; \$2.50 per dozen.

—**Ovata.** (Blue Day Lily.) Handsome broad foliage; tall racemes of deep blue flowers. 20 cts. each; \$2.00 per dozen.

—**Sieboldi.** Medium sized leaves tinted a strong metallic blue, with low set racemes of bluish white flowers. 20 cts.; \$2.00 per dozen.

—**Undulata Variegata.** Graceful leaves having a fluted white edge. 15 cts.; \$1.50 per dozen.

**Gaillardia Grandiflora Superba.** (Blanket Flower.)

Makes one of the most gorgeous and prodigal displays of all perennials. Flowers often measure 3 inches in diameter, on clean, 2 feet stems. A hard center of deep maroon is thickly bordered by petals of orange and yellow, ringed by circles of crimson, red and maroon. 15 cts.; \$1.50 per dozen; \$8.00 per 100.

**Geum Mrs. Bradshaw**

**Geum Mrs. Bradshaw.** An intensely brilliant, pretty, useful border plant growing fifteen to eighteen inches high, commencing to bloom about the first of June and continuing in the greatest abundance most all summer. The flowers of this new variety are double and beautifully ruffled in appearance, have long firm stems and altogether furnish one of the richest scarlet flowers of the summer. 20 cts. each; \$2.00 per dozen.

**Gypsophila Paniculata.** (Baby's Breath.)

Very slender stemmed but bushy, 2 to 3 feet. Good for cutting as well as for borders. Flowers are minute but myriad, pure white, produced in immense fleecy panicles during Aug.-Sept. 15 cts.; \$1.50 per doz.

## HARDY GRASSES



In the laying out of lawns and gardens, a few of the beautiful hardygrasses should not be overlooked. Their stateliness, tropic luxuriance, and soft flower plumes harmoniously punctuate the prevailing green, while their graceful, sinuous yielding to every wind gives animation to gardened landscapes too apt to look 'fixed.'

**Hardy Zebra Grass**

**Erianthus Ravennae.** (Hardy Pampas.) Grows from 9 to 12 feet high, frequently throwing up from 30 to 50 flower spikes. 15 cts.; \$1.50 per dozen.

**Eulalia Gracillima Univittata.** (Japan Rush.) Narrow dark green with a silvery mid-rib, perfectly hardy. 4 feet. 15 cts.; \$1.50 per dozen.

**Japonica Variegata.** Long, narrow leaves; striped with white. 15 cts.; \$1.50 per dozen.

**Japonica Zebrina.** (Zebra Grass.) Leaves crossed every two or three inches by a band of yellow half an inch wide. 15 cts.; \$1.50 per dozen.

**Phalaris Arundinacea Variegata.** (Ribbon Grass.) Dwarf growth; short green leaves, striped lengthwise with creamy white. 15 cts.; \$1.50 per dozen.

**Helianthus Multiflorus Plenus**

**Helenium. Autumnale Superbum.** Good sized, golden yellow flowers during late summer and fall, the plant attaining about five to six feet. 15 cts.; \$1.50 per dozen.

**Riverton Beauty.** Rich lemon-yellow flowers with large purplish black cone. Aug.-Sept. 4 feet. 15 cts.; \$1.50 per dozen.

**HELIANTHUS (Sunflowers)**

Hardy and quick growing, available for medium to tall location. The flowers average from 3 to 5 inches in diameter, of various pretty shapes and shades of yellow. The foliage and growth of each is entirely distinct; and can be adjusted to other perennials for some striking foliage effects.

**Maximilliana.** Immense single flowers, rich golden yellow, center reddish brown. Very dark green, lanceolate, drooping foliage; late bloom. 5 to 7 feet.

**Miss Mellish.** A splendid new single variety, one of the best early varieties for cutting. Large wavy single flowers, very free; clear yellow. 20 cts.; \$2.00 per doz.

**Mollis Grandiflorus.** Light lemon yellow, large single. Foliage large, rounded, silvered and quite hairy. 4 ft.

**Multiflorus Plenus.** Very double, yellow. This is the most serviceable of the compact types for cutting. 4 feet.

**Orygalis.** Distinct character. The branching tops resplendent from September on, with an abundance of medium sized lemon yellow single flowers. 6 to 10 ft.

**Rigidus.** Of fine upright habit of growth, foliage short and narrow, all stems dark colored. Flowers light yellow with maroon center. 3 feet.

**Soliel d'Or.** Clear yellow; closely resembling a Cactus Dahlia in shape and finish. 4 feet.

**Wolly Dod.** One of the best single sunflowers; good rich yellow. September.

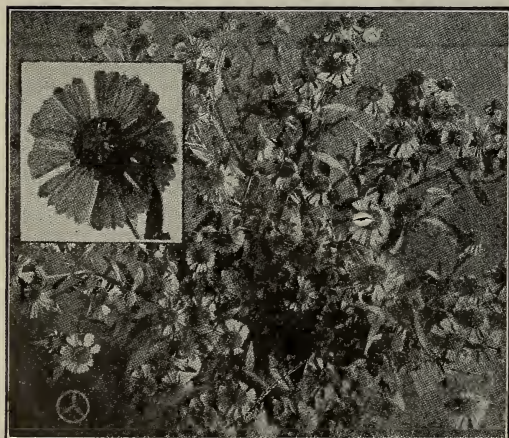
**Helianthus, except as noted, 15 cts.; \$1.50 per doz.**



**Helianthus Zinniaeflora**

**Helianti.** Very similar in growth, habit and prolific yellow bloom to Helianthus Rigidus, furnishing a prodigious number of 3 inch single flowers through August and September. Its roots are thick, short, numerous; very crisp and tender, available as a table food used in the same way as Asparagus, Cauliflower or Potatoes, with a delightful flavor. 10 cts. each; \$1.00 per dozen.

**Helianthus Zinniaeflora.** A magnificent yellow garden flower superior to anything of its kind as a cutflower; and on account of its even, rounded growth and continuously profuse bloom, one of the choicest subjects for medium borders. Plants grow about 2 feet high, bearing long stemmed, double, Zinnia-like flowers two to three inches across, a beautiful shade of pure yellow. 15 cts. each; \$1.50 per dozen.

**Helianthus Riverton Beauty** (See page 107)

## HEMEROCALLIS (Day Lilies)

Well known family resembling Lilies in character and bloom, usually sweet scented and bearing a great quantity of yellow flowers, during long periods of summer. Decorative Iris-like foliage.

**Aurantiaca.** Grows 3 to 4 feet high and blooms freely during June and July. Flowers large, trumpet shaped; orange, with bright yellow stamens and reverse. 20 cts.; \$2.00 per dozen.

**Aureole.** A new Japanese hybrid. Flowers deep orange with bronze reverse. 2 feet. 20 cts. each; \$2.00 per dozen.

**Hemerocallis Flava**

**Flava.** (Lemon Lily.) Beautiful lemon colored flowers 3 to 4 inches in diameter, and delightfully fragrant. 3 feet. 15 cts.; 12 for \$1.50.

**Florham.** Large sized, frilled, clear rich yellow. July and August. 3 feet. 20 cts.; \$2.00 per dozen.

**Luteola.** A cross between Aurantiaca Major and Thunbergi, with fine large orange yellow flowers. 2½ feet. 20 cts. each; \$2.00 per dozen.

**Middendorffii.** Dwarf growing with clusters of lily flowers five to six inches long; bright yellow. 15 cts. each; \$1.50 per dozen.

**Sieboldi.** A fine upstanding variety with large flowers of light orange yellow, medium height. 15 cts. each; \$1.50 per dozen.

**Thunbergi.** Funnel-shaped flowers of buttercup yellow in July. 4 feet. 15 cts.; \$1.50 per dozen.

**Hibiscus Moscheutos.** The fine old Swamp Rose Mallow. Large purplish pink flower with large dark eye. Four to five feet. 15 cts.; \$1.50 per dozen.

**—Crimson Eye.** Immense flowers of purest white, with large centers of velvety crimson. 15 cts.; \$1.50 per dozen.

**HIBISCUS—**

(Continued)

Of all recent improvements among perennials these new mammoth flowered strains of the common Marsh Mallow (*Hibiscus*) are perhaps the most striking and notable. The colors are wonderfully intensified, the size of flower (10 to 12 inches across) greatly expanded, the blooming season lengthened and the strength of growth increased. From being an ordinary hardy plant of mediocre quality suitable mainly for use in damp locations, these giants approach the dignity of shrubs—often

**New Giant****Mallow Marvels.**

reaching 10 feet in height—and are so vividly showy in their bloom as to demand a place in every large planting. Singly, in groups by themselves, or mingled with shrubbery of any kind, and in any kind of soil, they are a delight to the eye and a satisfying subject wherever a tall, shrubby plant is required.

—**Red Marvels.** Shades of red. 25 cts.; \$3.00 per dozen.

—**Mixed.** 15 cts. each; \$1.50 per dozen.

**Hollyhocks.**

“King of the Garden”

for tall backgrounds. Magnificent **double** flowers in separate colors: **Crimson, Yellow, White, Maroon, Pink** and **Black**.

15 cts.; \$1.50 per dozen.

— **Mammoth Fringed.** Extra large flowers; petals finely curled and fringed; colors shell-pink, rose and ruby-red. Entirely different from all other Hollyhocks. **Mixed.** 15 cts.; \$1.50 per dozen.



**Hypericum or  
“Gold  
Flowers”**

**Hyacinthus Candicans.** 20 to 30 white, pendant, bell-shaped flowers on stalks 3 to 4 feet high. Blooms early and till late fall. In general character similar to Yucca; but smaller, softer and more compact. 7 cts.; 12 for 65 cts.

**Hypericum Moserianum.** (Gold Flower.) Forms a shiny leaved bush 2 to 2½ feet high with slender, well branched stems, bright golden yellow flowers all summer. Would be classed as a dwarf shrub if top did not die down in winter. 15 cts.; \$1.50 per dozen.

**Iberis Sempervirens.** Hardy white Candytuft. 25 cts.; \$2.50 per dozen.

**Inula Grandiflora.** (Flea Bane.) Bold upright plants 3 to 4 feet high, quite showy in June with wide heads of orange-yellow flowers. 20 cts. each; \$2.00 per dozen.



**Double Hollyhock**

**Bloom: Large, fragrant, useful;  
delicate tints; exquisite patterns.**

# IRIS

**Foliage: Rich, ever-green color;  
makes splendid, dense borders.**



## GERMAN IRIS

*Iris Germanica*: The "Fleur de Lis" of France, and well-beloved favorite in every old-time garden. Although capable of establishment in any kind of soil, they will attain greater perfection of growth and flowering in a damp or marshy situation. The exquisite, haunting fragrance and delicacy of tinting in their flowers makes their spring advent a source of keenest pleasure; and their departure—all too soon—an equally keen regret.

**Aurea.** Entire flower a beautiful chrome yellow; large and perfectly formed. The finest pure yellow Iris. 25 cts. each; \$2.50 per dozen.

**Candicans.** Soft, light-blue.

**Celeste.** Falls bright blue, uppers delicate grayish blue; all having a lavender effect.

**Cythere.** A very attractive combination of lavender standards and heavy falls of purple veined white. 25 cts. each; \$2.50 per dozen.

**Darius.** One of the most distinct and beautiful; standards rich canary yellow, falls lilac margined white, with orange beard.

**Edith.** Standards light blue, falls purple.

**Florentina Alba.** Sweet scented, free flowering white.

**Fulda.** Satiny white; lower petals lilac, feathered yellow.

**Her Majesty.** Standard old rose, falls white striped rosy lilac; very large flower. 20 cts.; \$2.00 per dozen.

**Honorabilis.** Yellow, falls rich mahogany brown.

**Innocence.** Pure white, penciled purple and orange. 20 cts. each; \$2.00 per dozen.

**Johan De Witt.** Standards bluish violet; falls deep violet purple veined with white.

**Jordan.** Both standards and falls, light mauvé.

**Mad. Chereau.** White, elegantly frilled, with a wide border of clear blue; one of the most charming sorts.

**Mad. Pacquette.** A beautiful variety all over rosy claret. 20 cts. each; \$2.00 per dozen.

**Mad. Patti.** Rosy purple standards with pale yellow falls. 25 cts. each; \$2.50 per dozen.

**Midnight.** Tall growing; with large, stately heads of deepest purple. 35 cts. each; \$3.50 per dozen.

**Mrs. H. Darwin.** Satiny white, veined crimson.

**Mrs. Neubronner.** One of the finest of the newer yellow varieties; deep golden yellow. 25 cts. each; \$2.50 per dozen.

**Othello.** Has the charm of strong contrast in colors that nicely harmonize; falls dark, velvety purple, standard light blue.

**Pallida Dalmatica.** A rare, delightful variety, especially fine for massing as well as for cutting. Tall growing; with very large full-formed flowers of soft lavender, the falls of deeper hue. 25 cts.; \$2.50 per dozen.

**Pallida Mandraliscae.** Magnificent lavender purple flowers on tall, rigid stems. 20 cts.; \$2.00 per doz.

**Pallida Perfecta.** Strong growing as the type, with splendid flowers of rosy violet, with orange beard. 20 cts. each; \$2.00 per dozen.

**Parisiensis.** Large, deep purple, delicately penciled white.

**Queen of May.** Very dainty and effective; soft rose-lilac, almost pink.

**Plicata.** Entire flower a velvety violet-purple.

**Unless noted, 15 cts. each; \$1.50 per dozen.**

**By express, \$8.00 per 100.**



**Our Nursery Field of "Fleur de Lis"**

## JAPAN IRIS

*Iris Kaempferi*: Like other Iris, the Japanese species are partial to moisture in the soil, but can get along with less than the Germanica type. They insist, however, upon thorough and frequent cultivation, giving recompense for extra labor, in extra bloom and added beauty. Their flowers are generally rather flat and wide, often measuring 10 to 12 inches across, appearing (note numbers) in great profusion during June and July after the Germans are through. The following varieties are numbered and arranged according to their relative blooming season; the entire collection providing a long succession.

**Gekka-no-nami.** (Waves under Moonlight.) (1). Earliest to bloom, and the choicest white; very free. Glistening white with creamy white stigmas.

**Kumo-no-obi.** (Band of Cloud.) (2). The lower and upper petals being nearly equal in size, make a very full flower and a solid blotch of color. Bright, clear purple, with distinct rays and halo of white surrounding the golden throat, the pure white standards tipped purple.

**Zama-No-Mori.** (3). Only three-petaled, but larger than a majority of varieties; one of the daintiest and most delightful of the delicate toned kinds. White, with a heavy azure blue zone; short white standards margined blue. 25 cts. each; \$2.50 per dozen.

**Purple and Gold.** (4). Enormous double flowers often ten inches across, early and free blooming; one of the very best varieties. Color, rich violet-purple with white petaloids tipped violet. The conspicuous golden throat extends outward in sharp bluish white rays.



Japan Iris at Painesville Nurseries

**Gold Bound.** (5). A fine double pure white, with gold banded center.

**Uchiu.** (Universe.) (6). Beautiful, six-petaled flowers of largest size, on the longest stems. Color, cerulean blue with golden center and white halo from which radiate many clear white lines. Standards white, tipped blue. This variety covers the longest blooming season and is altogether one of the most attractive. 25 cts. each; \$2.50 per dozen.

**Iso-no-Nami.** (Shallow Waves.) (7). A magnificent broad petaled variety; one of the largest flowered, and the latest to bloom. Color a nebulated suffusion of rose and cerulean blue over white; deepening towards the gold flushed center of rosy lilac. 25 cts. each; \$2.50 per dozen.

Unless noted, 20 cts. each; \$2.00 per dozen; set of 7 for \$1.25. By express, \$1.50 per dozen; \$10.00 per 100.

## INTERMEDIATE IRIS

Handsome, new, large flowered, medium growing hybrids resultant from crossing the tall bearded Germans with the various Crimean hybrids. These are vigorous; hardy and free flowering, blooming in May just ahead of the taller Germanica class.

**Helge.** Lemon yellow with pearl shadings.

**Ingeborg.** Pure white.

**Walhalla.** Standards lavender, falls wine-red. 20 cts. each; \$2.00 per dozen.

## SIBERIAN IRIS

**Blue.** A useful late cutting sort, bearing quantities of purplish blue flowers on slender scapes 3 feet high. 15 cts.; \$1.25 per dozen.

**Snow Queen.** A snow white variety of the Sibirica species. 15 cts.; \$1.25 per dozen.

[\*NO LILY BULBS RECEIVED.]

**Lily of the Valley.** The Lily of the Valley will thrive and throw up its beautiful, modest, fragrant white bells in any kind of soil. Will also adapt itself to pot culture in winter.

--**Holland Pips.** 5 cts. each; 40 cts. doz.; \$2.75 per 100.

**Linum Perenne.** (Perennial Flax.) Handsome little hardy plant for border or rockery. Foliage is fine and graceful, with flowers shaped like those of Phlox. Bloom all summer. Clear, delicate, light blue. 15 cts. each; \$1.50 per dozen.

**Lobelia Cardinalis.** (Cardinal Flower.) Intense cardinal-red flowers arranged in stocky spikes 15 to 18 inches long, keep the plant aflame throughout August and September. 15 cts.; \$1.50 per dozen.

--**Syphilitica.** Flowers of deep blue. 15 cts.; \$1.50 doz.



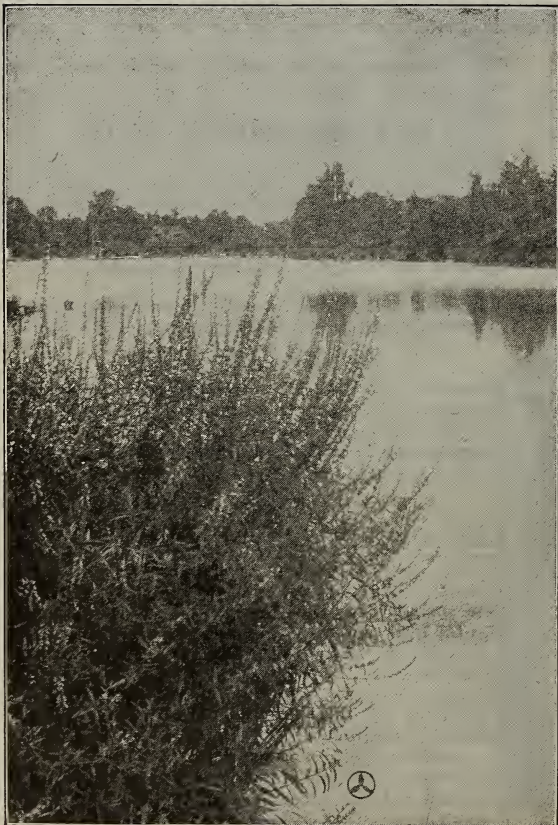
Lily of the Valley

**Lychnis Viscaria Splendens;**

**Lychnis Chalcedonica.** (Maltese Cross.) Heart-lobed stars of brightest vermillion, arranged in large flat panicles. 15 cts.; \$1.50 per dozen.

—**Haageana.** Extremely brilliant and showy orange scarlet, individual flowers  $1\frac{1}{2}$  to 2 inches wide. 1 foot. 15 cts. each; \$1.50 per dozen.

—**Viscaria Splendens.** (Lamp Flower.) Almost ever-green foliage; in June and July fairly ablaze with close spikes of crimson flowers. The most vivid colored of any hardy perennial. 20 cts.; \$2.00 per dozen.

**Lythrum Roseum**

**Lythrum.** These beautiful perennials are not used as much as they should be. The plants are habitually dense, rounded bushes 3 to 4 feet high, with flower spikes covered along at least the upper half, and are at all times very showy. They will do well in moist location.

—**Roseum Superbum.** (Rose Loose Strife.) Large compact spikes of deep rose colored flowers from June to September. 15 cts.; \$1.50 per dozen.

—**Brightness.** (New.) Intensely brilliant rose, its long spikes very full and showy. 25 cts. each; \$2.50 per dozen.

—**Rose Queen.** (Virgatum.) A fine new sort of compact habit, prodigal bloom, and rich rose color. 25 cts. each; \$2.50 per dozen.

—**Perryi.** An improved type of dwarfer, bushier growth, with vivid spikes of larger flowers whose freshness outlasts the older form. 20 cts.; \$2.00 per dozen.

**Monarda Didyma.** (Var. Cambridge Scarlet.) A bushy, coarse-leaved plant, growing about 2 feet high; covered with round, full heads of red flowers with a petalage similar to the Cactus Dahlias. Known as "Bergamot," "Oswego Tea," "Mint," etc., on account of the delicious fragrance of their leaves when crushed. 15 cts.; \$1.50 per dozen.

**Myosotis Palustris.** The true "Forget-Me-Not," appealing in its modest, azure beauty and cherished for its sentiment. Blooms profusely during early summer. 15 cts. each; \$1.50 per dozen.

**Pachysandra Terminalis.** One of the best ground covering plants, averaging 6 to 8 inches in height and branching freely into a dense mat. Its shapely, indented foliage is practically ever-green; thick, rubbery, lustrous dark green. It bears small spikes of light colored flowers during May and June, and is in all respects very desirable. 15 cts. each; \$1.50 per dozen. By express, \$10.00 per 100.

**PAPAVER.** (Hardy Poppies.) Among the most welcome flowers that glorify the early spring and summer are the big, glowing, nodding Poppies. Although their blooming season is short, their foliage is attractive all summer.

—**Orientele.** The brilliant "Oriental Poppy," with immense, flaming flowers of orange-scarlet. These impressive color-blotches are supreme among the prevailing greens of early spring. 20 cts.; \$2.00 doz.

—**Nudicaule.** The "Iceland Poppies" bloom with •extravagant freedom during the early summer, and in lesser degree throughout; two inch saucer shaped flowers, on slender stems, making delightful bouquets, as well as a vivid garden show. Very distinct, bright colors, offered separately in **Yellow, Scarlet and White.** 15 cts.; \$1.50 per dozen

**PENTSTEMON Barbat**  
**us Torreyi.** (Scarlet Beard Tongue.) Close set spikes of small, brilliant, scarlet flowers on slender, nodding, 3 to 5 feet stems. July and August. 15 cts.; \$1.50 per dozen.

**Iceland Poppy**



Mad. de Verneville



Eugene Verdier



Mons. Jules Elie

## PEONIES

**B**ETWEEN the magnificent Rhododendron and the lovely June Rose, comes the Peony. It is used in the same way and in conjunction with its two stately rivals, to continue a bold color display from May to July. While in close harmony with the others, the Peony is more lavish in its bloom and makes the most pretentious show; besides which, it is harder than either and more easily cultivated. Modern culture has developed many superb varieties, with flowers beautifully moulded and expressing the most delicate tints as well as the most intense colors. Their cut blooms are very lasting, and in most cases are exquisitely scented. **Plant Peonies as early in spring as possible.** Plant in deep, rich, well-prepared soil, covering the buds but an inch or two. Do not expect too much of them the first year, as they are a little slow in establishing themselves. A much more extensive list will be available next fall.

**Agida.** Medium sized, double, midseason; scarlet.

**Canariensis.** Flesh white, with rich canary center.

**Dorchester.** (Richardson.) Dwarf, compact grower; flower full and double, about the shade of La France Rose. 50 cts. \$5.00 per dozen.

**Duchess de Nemours.** Large and full; the most nearly pure white. 35 cts. each; \$3.50 per dozen.

**Duke of Wellington.** Large cones of creamy white; bluish guards. 35 cts. each; \$3.50 per dozen.

**Eugene Verdier.** An excellent cutting sort, with broad full flowers without noticeable guard petals. White, evenly suffused shell-pink; the petaloids near center widely margined and suffused carmine. Late. 60 cts.; \$6.00 per dozen.

**Felix Crousse.** Late. Large, round heads perfectly double; deep crimson marked with cardinal at base of petals. 60 cts.; \$6.00 per dozen.

**Festiva Maxima.** About the largest and most popular. High built flowers borne on long stiff stems, the purest white, inner petals slightly tipped carmine. Early. 35 cts.; \$3.50 per dozen.

**La Tulipe.** A good sized white sort, with long and wide petals, occasionally blotched and outside of base streaked with carmine. 60 cts.; \$6.00 per dozen.

**Mad. de Galhau.** A pretty mixture of shell pink and creamy white, high built and tufted. 60 cts.; \$6.00 per dozen.

**Mad. de Verneville.** Medium sized, globular flower petals crinkly and semi-transparent. Creamy white throughout, flaked purple at center. 50 cts. each; \$5.00 per dozen.

**Mad. Forel.** Immense rose type; deep, shining pink with silver reflex. Mid-season. 50 cts.; \$5.00 per dozen.

**Mad. Geissler.** Very double, globular, imbricated massive; bright glossy pink.

**Mad. Lebon.** Valuable late red. Flowers ball-shape, very rich cherry-rose.

**Marguerite Gerard.** Magnificent, broad, thick heads of Hydrangea pink, marbled on creamy white, and further enriched by collars of golden anthers. 60 cts.; \$6.00 per dozen.

**Marie Lemoine.** (Calot.) Dwarf, extra late, and very scarce. White, faintly tinged chamois. A lovely bouquet companion for Mad. Emile Galle. 35 cts.; \$3.50 per dozen.

**Mons. Chas. Leveque.** Very soft salmon-pink, changing to bluish white. Blooms habitually in broad clusters and makes a fine bedder. 50 cts. each; \$5.00 per dozen.

**Mons. Jules Elie.** The peerless pure pink. Broad reflexing guards with a high pyramidal body of semi-quilled petals converging to an apex. One of the largest, handsomest and most lasting cutting sorts in existence. 75 cts. each; \$7.50 per dozen.

**Princess Mathilde.** Fine, large, rose-pink.

**Queen Victoria.** The broad guard petals are a pretty bluish-white; center slightly edged pink. Large.

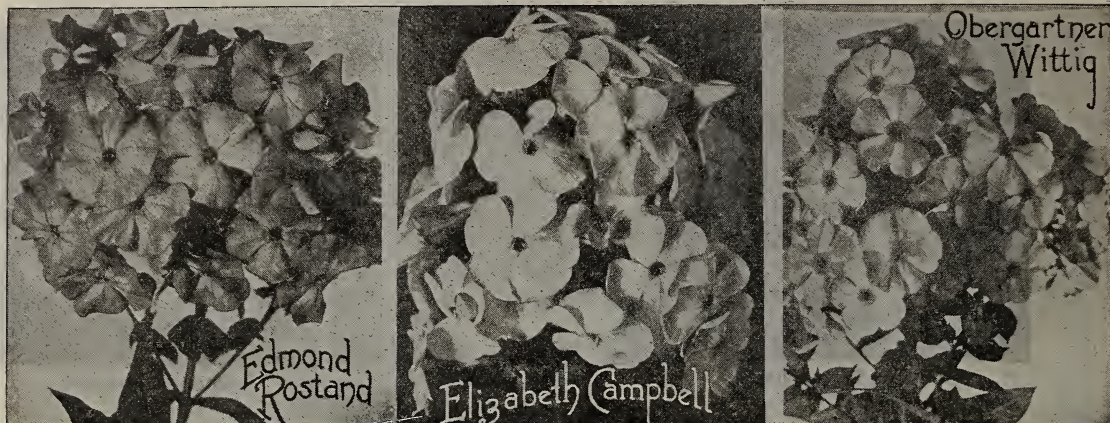
**Richardson's Rubra Superba.** Very tall and strong, with long stiff stems and elegant dark red flowers. 50 cts.; \$5.00 per dozen.

**Souv. de Exposition Universelle.** Very large, flat rose type. Violet rose tipped silver, with silvery reflex. Vigorous in growth and free blooming. Late.

**Peonies, except as noted, 30 cts. each; \$3.00 per dozen. By express, \$20.00 per 100.**



La Tulipe



## HARDY PHLOX

No class of hardy plants is more desirable than the Perennial Phloxes. They will thrive in any position and can be used to advantage in the hardy border, in large groups on the lawn, or planted in front of belts of shrubbery, where, by judicious pinching back and removing faded flowers, a constant succession of bloom may be had until frost. Except the dwarf species, all Hardy Phloxes are admirably adapted to cutting. We offer a select list of strong **field grown roots**.

### PHLOX PANICULATA

- Athis.** Tall; bright salmon pink, violet eye.
- Caran d'Ache.** Geranium red, with old rose shadings and sharply defined white eye.
- Coquelicot.** Short, bushy growth, very free and continuous bloom; fiery orange scarlet.
- Edmond Rostand.** Reddish violet, with distinct star-shaped white center.
- Elizabeth Campbell.** Salmon pink; dark crimson eye. 25 cts. each; \$2.50 per dozen.
- Europa.** A particularly strong, sturdy and distinct variety; white, with pronounced crimson-carmine eye. 25 cts.; \$2.50 per dozen.
- Frau Anton Buchner.** Dwarf, large flowered white.
- Gefion.** Tender peach-blossom pink with bright rose eye; flower and truss very large, on erect, compact stems. 25 cts. each; \$2.50 per dozen.
- Ingeborg.** This new Phlox is extremely brilliant; flowers extra large in much branched, loose panicles. Color rich vermilion red, delicately suffused orange-salmon, the center accentuated by a small purplish crimson eye. 20 cts. each; \$2.00 per dozen.
- La Vague.** An improvement over older varieties of similar color, with immense, conical heads, borne in great profusion. Warm mauve with emphatic carmine eye.
- Le Mahdi.** Deep reddish violet. Early.
- Lumineaux.** Bright rosy crimson, with carmine eye.
- Lothair.** Carmine-pink, with deep crimson eye.
- Mad. Bezanson.** Bright aniline red.
- Miss Lingard.** Longest spikes of any Phlox—blooms from the ground up. Waxy white, lavender eye.
- Mrs. Wm. Jenkins.** An early and free bloomer, one of the best tall varieties. Flowers large, pure white.

**Obergartner Wittig.** Bright magenta with light halo and crimson eye.

**Pantheon.** The peerless pink. Extra large, always flat flowers of salmon rose.

**Prof. Virohow.** Bright carmine, overlaid with brilliant orange-scarlet. 20 cts. each; \$2.00 per dozen.

**Rheinlander.** A rare shade of salmon-pink, intensified by a distinct claret-red eye. Flowers and truss of unusual size. 20 cts. each; \$2.00 per dozen.

**Richard Wallace.** Violet-eyed, white.

**Rosenberg.** Extremely large florets and truss; bright reddish violet, with blood-red eye.

**R. P. Struthers.** Rosy carmine with claret-red eye.

**Ryndstrom.** Color a lively shade of rose-pink, much like Paul Neyron Rose; flowers very large.

**Siebold.** Strong grower; vivid orange scarlet. 20 cts. each; \$2.00 per dozen.

**Sunshine.** Aniline red, with crimson eye and light halo.

**Thor.** A charming shade of deep salmon-pink suffused and overlaid with a glow of scarlet.

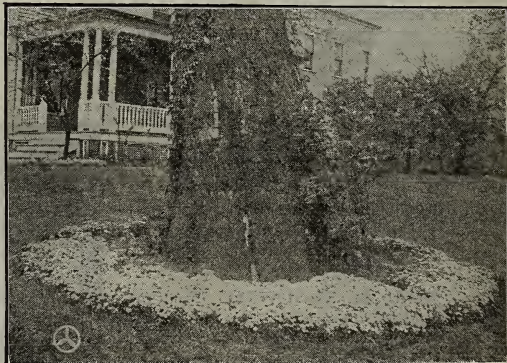
The eye of aniline red centers a most attractive aureole nearly pure white. 20 cts.; \$2.00 per dozen.

**White Lady.** A beautiful pure white variety.

Unless noted, 15 cts. each; \$1.50 per dozen.

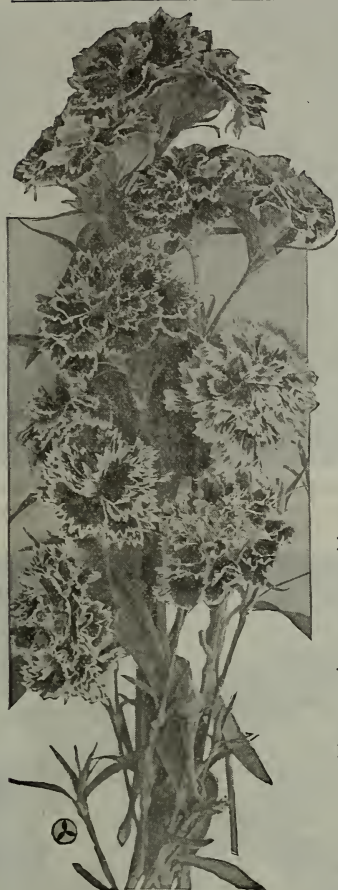
By express, \$10.00 per 100.

### PHLOX SUBULATA



Creeping Phlox or "Moss Pink." Beautiful ground covering plants with low spreading stems and narrow moss-like leaves. Often used for covering graves, surrounding old stumps, and even large growing trees.

**Rosea.** Flowers purplish pink. 15 cts.; \$1.50 per doz.



Pinks

## Hardy Garden Pinks.

known flowers vie with their beauty of form and color in keeping a place for them in every garden.

**Abbotsford.** Clove scented; carmine, laced white.

**Elsie.** Bright red with maroon center.

**Essex Witch.** Delicate pink, finely fringed.

**Grenadier.** Bold red.

**Her Majesty.** Very large and full; purest white.

**Laura Wilmer.** White; with purplish maroon center. 20 cts. each; \$2.00 per dozen.

**Plumbago Larpentae.** (Leadwort.) An attractive edging plant of evenly rounded and dense growth, about 12 inches high. The tiny leaves of apple green are a rich setting for spikey red buds and clusters of cobalt blue flowers. August till frost. 20 cts.; \$2.00 per dozen.

**Primula Veris.** The true "English Primrose," with fine clusters of very fragrant, light yellow blossoms. One of the delightful garden products of spring and early summer. 15 cts.

**Pyrethrum Roseum.** Foliage fine cut and attractive, flowers borne profusely on long straight stems, colored in all shades of rose. A splendid cut-flower and conspicuous in the garden. 15 cts.; \$1.50 per dozen.

**Holt's Mammoth Sage.** Although quite attractive as an ornamental plant, with its gray-green wrinkled foliage and spikes of pale blue flowers, this sage is cultivated for the culinary flavor and medicinal virtues of its leaves. This new variety is especially prolific, strong flavored and upright in growth. 15 cts. each; \$1.50 per dozen.



Physostegia

**Physostegia.** (False Dragon Head.) Handsome midsummer flowering plants. 3 to 4 feet high; bearing broad, dense spikes of tubular flowers of delicate, but conspicuous beauty.

—**Speciosa Alba.** Pure white, 15 cts.; \$1.50 per dozen.

—**Virginica.** Rosy purple. 15 cts.; \$1.50 per dozen.

**Platycodon Grandiflorum.** (Balloon Flower). Blooms constantly from July until late in September; flowers large bell-shaped either deep blue or white. An extremely rapid grower, making a dense branching bush two to three feet high. **Blue or White.** 15 cts.; \$1.50 per dozen.

**Platycodon Mariesii.** Identical with Grandiflorum except that this is dwarf growing, and blooms earlier. 15 cts., \$1.50 per dozen.

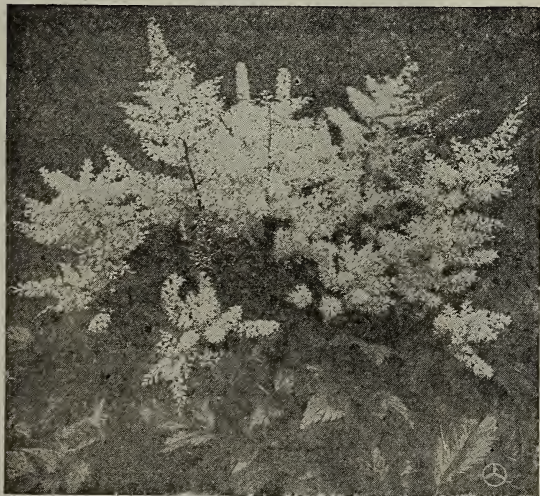




**Rudbeckia "Golden Glow."** Grows 5 to 7 feet and blooms from early summer until frost. Flowers resemble golden-yellow Cactus Dahlias. 15 cts.; \$1.50 per dozen.

—**Maxima.** A handsome variety growing five feet tall, with broad glaucous green foliage, and an abundance of flowers from June till September. Showy single flowers 5 to 6 inches across, bright yellow with a black cone 2 inches high. 15 cts.; \$1.50 per dozen.

—**Newmani.** Grows 1½ to 2 feet; plentifully supplied with broad single flowers of orange-yellow, with a prominent brown cone. 15 cts.; \$1.50 per dozen.



**Herbageous Spirea**

**Rudbeckia Purpurea.** (Purple Cone Flower.) Large drooping petals colored reddish purple, with a remarkably large cone-shaped center of brown, thickly set with golden tips in spiral lines. 2 to 3 feet. 15 cts.; \$1.50 per dozen.

**Salvia Azurea Grandiflora.** (Meadow Sage.) A Rocky Mountain species of Salvia, very pretty in August and September with its profusion of sky-blue flowers. Two to three feet. 20 cts. each; \$2.00 per dozen.

—**Pitcheri.** A splendid 3 to 4 foot border plant, well branched and bushy; bearing in great profusion, during August and September, showy wands of bright gentian blue flowers. 20 cts.; \$2.00 per dozen.

**Saxifraga.** (Rockfoil.) Useful for front of the border or rockeries, their 12 inch growth of broad green foliage being effective all the year; their dainty umbels of flowers breaking out very early in spring.

—**Cordifolia.** Light pink. 20 cts. each; \$2.00 per doz.

—**Lingulata Leichtleini.** Small brilliant red corymbs on six inch stems. 20 cts. each; \$2.00 per dozen.

**Scabiosa Caucasica.** (Blue Bonnet.) Large flowers of soft lavender, on 18 inch stems, from June till September. 15 cts.; \$1.50 per dozen.



**Sedum Spectabilis**

**Sedum.** (Stone Crop.) An easily grown and useful class of hardy plants which can be used to advantage in poor, sandy or rocky soil, which would be otherwise barren. The Sedums are all very pretty and should be given room in every garden.

—**Sieboldi.** Dwarf and spreading, much prized as a carpet bedding and around rock work. The foliage is round, saucer shaped, glaucous green edged from purple to pink, and surmounted during August and September with numerous bright pink corymbs. 15 cts. each; \$1.50 per dozen.

—**Spectabilis.** Of upright growth, 15 to 18 inches high. Foliage rounded, thick and rubbery, crowned with massive flat cymes of light rose-colored flowers. 20 cts.; \$2.00 per dozen.

—**Brilliant.** A new form of above, with dark crimson flowers, very showy. 20 cts.; \$2.00 dozen.

**Silene Orientalis.** (Catch Fly.) Attractive heads of bright rose-colored flowers. 2 to 2½ feet. 15 cts.; \$1.50 per dozen.

**Spirea Aruncus.** (Goats Beard.) Throws up numerous spikes 3 to 5 feet high, in bloom during mid-summer with immense, feathery panicles of pure white flowers. 25 cts. each; \$2.50 per dozen.

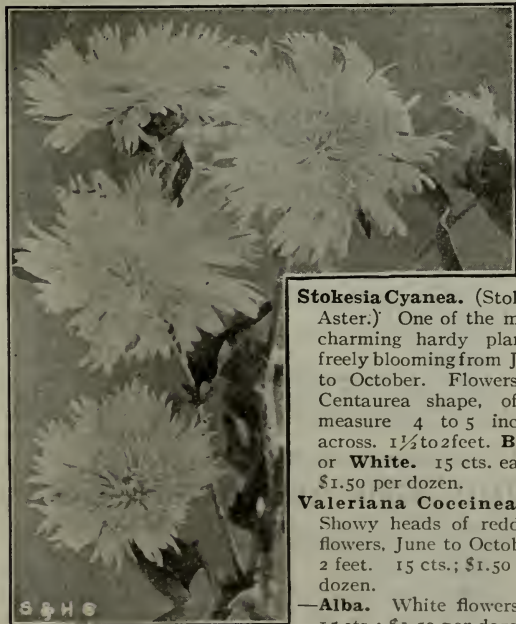
—**Palmata Elegans.** (Meadow Sweet.) Bushy, 3 foot growth, exceedingly ornamental foliage, with reddish stems and veins; a mass of fleecy panicle bloom during June and July; color white, with protruding pink anthers. 25 cts.; \$2.50 per dozen.

**Statice Latifolia**

**Statice Latifolia.** (Sea Lavender.) Grows 15 to 18 inches high with tufts or clumps of thick, leathery foliage and immense panicles of delicate blue flowers. Individual flowers very minute, similar in form to Forget-Me-Not, but made into heads 18 inches or more across. Last for months as house decoration, if carefully dried. 20 cts.; \$2.00 per dozen.

**Thalictrum Dipterocarpum.** (Meadow Rue.) A graceful border plant growing about 4 feet high, with pretty, fine-cut foliage and a profusion of flower sprays during Aug.-Sept. Color lilac-mauve, brightened by a bunch of lemon yellow stamens and anthers. 25 cts. each; \$2.50 per dozen.

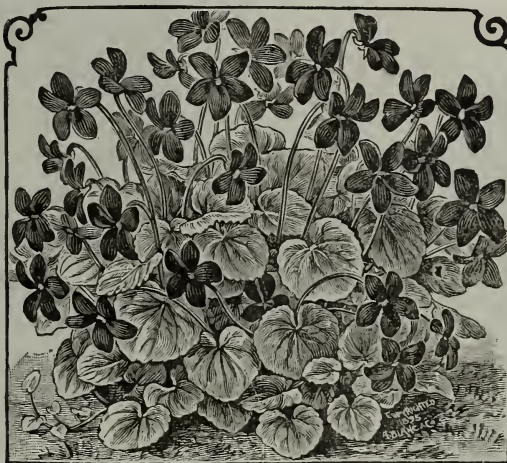
**Tradescantia Virginica Alba.** (Spiderwort.) Plants about 2 feet tall, with richly green foliage and clustered white blossoms an inch wide; in bloom all summer. 15 cts.; \$1.50 per dozen.

**Stokesia**

**Stokesia Cyanea.** (Stoke's Aster.) One of the most charming hardy plants, freely blooming from July to October. Flowers of Centaurea shape, often measure 4 to 5 inches across. 1½ to 2 feet. **Blue or White.** 15 cts. each; \$1.50 per dozen.

**Valeriana Coccinea.** Showy heads of reddish flowers, June to October. 2 feet. 15 cts.; \$1.50 per dozen.

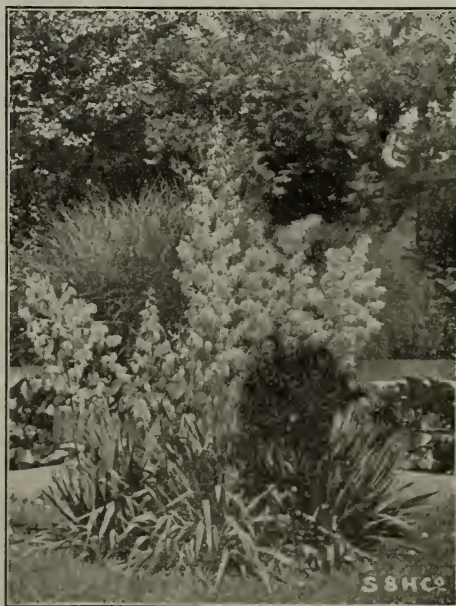
—**Alba.** White flowers. 15 cts.; \$1.50 per dozen.

**Hardy English or Russian Violets**

**Veronica Longifolia Subsessilis.** (Speedwell.) Unique flowers borne in long compact spikes of deep indigo blue during July and August. 3 feet. 20 cts.; \$2.00 per dozen.

**Hardy Violets.** There is nothing prettier in spring than a few groups or lines of hardy Violets, offering their unmatched loveliness of color and delicacy of perfume from the lawn or odd nooks and corners of the garden. We offer the well known varieties, California, Russian and Princess of Wales by express at \$1.50 per dozen, or \$10.00 per 100.

**Yucca Filamentosa.** (Adam's Needle or Spanish Bayonet.) A stately foliage and flowering plant equally imposing in solitary or group plantings, always conspicuous. The broad sword-like foliage is evergreen; while mid-summer shows great erect branching stems bearing a showy display of pendant, creamy-white bells. 15 cts.; \$1.50 per dozen. Strong 3-year, by express, 25 cts.; \$2.50 per dozen.

**Yucca Filamentosa**



**T**HE annual seed-plantings in their bloom, and the bright colors of the hardy perennial flowers, hold an undisputed and important place in the beautifying of the home grounds; but with all their beauty and utility there is still something lacking to make a complete whole unless there is a harmonious complement of the hardy flowering shrubs. The man with extensive grounds can plant in masses and create magnificent effects on a grand scale; but the average owner of a small home, with its limited grounds, must meet the need with discrimination. The list of flowering shrubs is rich in variety, and yield their treasures to every requirement. Just a few chosen sorts will furnish, not only a summer display of charming flowers and a fall succession of ornamental berries; but the yellow, white, gray, purple and greens of bark and foliage brighten the entire season. Home-makers should bear in mind that shrub-planting builds for posterity as well as for the present.

### The Joys of Gardening

To one unused to gardening, or transplanting; or to arranging the multitudinous types of Nature's ornaments into a definite plan, even a modest bundle of shrubs destined to adorn just a little yard assumes tremendous proportions and creates a feeling of dismay. Cheer up, brother! We've all been there at some time or other. Just a little common sense; considerable, but healthful, manual exercise; a due regard to the laws of harmony and a little care to secure a pleasing distribution of colors for the season, seeking and accepting the advice of your catalogue man on important items; and presto! the bug-bear is conquered.

After your plan has been fully worked out, bushes and trees firmly set, dirt smoothed off, string and straw and burlap removed, and you feel you have done a good job; that resulting sense of proprietorship, of artistry, of accomplishment, is well worth the mental and physical effort.

Watching **your** shrubs unfold their leaves, and branch out and mature and bloom; noting the results of **your** care and thoughtfulness from week to week, is a delight, a fascinating sport unknown and undreamed by the man who lets "George"—or his wife—do it.

Following, we offer as being very desirable, practical, of convenient form for adjustment to small home lots, and at bargain prices:

## 3 "READY-MADE" SHRUB GROUPS

### The "Corner Group" \$10 OF SELECTED FLOWERING SHRUBS

Following is a selection and arrangement of 39 plants which we believe would be entirely satisfactory and pleasing to a majority of people; to be used as a compact group for the corner of lot or building. The taller kinds (marked "T") should naturally furnish the background, against either the wall or fence; the medium growers (marked "M") should come next; with the dwarf growing sorts (marked "D") as an outside border. This collection will be filled with only our choicest, selected stock in the largest grade; is not subject to any changes; and is priced so low as to be a real bargain.

|   |              |
|---|--------------|
| 2 Altheas (T) . . . . .                 | See Page 120 |
| 2 Lilacs (T) . . . . .                  | " " 126      |
| 2 Viburnums (T) . . . . .               | " " 132      |
| 2 Forsythias (T) . . . . .              | " " 124      |
| 4 Weigelas (M) . . . . .                | " " 133      |
| 4 Spirea Van Houtte (M) . . . . .       | " " 131      |
| 4 Deutzia Gracilis (D) . . . . .        | " " 124      |
| 4 Hydrangea P.G. (M) . . . . .          | " " 125      |
| 5 Symphoricarpos Vulgaris (M) . . . . . | " " 131      |
| 5 Spirea Bumalda (D) . . . . .          | " " 130      |
| 5 Berberis Thunbergi (D) . . . . .      | " " 121      |

39 First-Class Shrubs for \$10.00

All shrubs should be planted about 30 inches apart.

### The "COTTAGE COLLECTION" \$3 OF FLOWERING SHRUBS AND ROSES

This is a selection of individual specimen plants giving a variety of color, foliage and blooming season; in quantity suitable for ornamenting small front yards. These shrubs are furnished in top-grade stock at an attractive net price.

|  |              |
|--|--------------|
| 1 Hydrangea "Hills of Snow" . . . . .        | See Page 125 |
| 1 Hydrangea Paniculata Grandiflora . . . . . | " " 131      |
| 1 Spirea Van Houtte . . . . .                | " " 131      |
| 1 Althea ("Rose of Sharon") . . . . .        | " " 120      |
| 1 Snowball . . . . .                         | " " 133      |
| 1 Weigela . . . . .                          | " " 133      |
| 1 Tartarian Honeysuckle . . . . .            | " " 127      |
| 2 Lilacs, White and Purple . . . . .         | " " 126      |
| 1 Crimson Rambler Rose . . . . .             | " " 97       |
| 1 Clematis Paniculata . . . . .              | " " 135      |

11 Specimen Plants for \$3.00

### "SHADY NOOK" Shrub Collection \$5

Not only highly ornamental anywhere, but especially valuable, because they will do well in partial shade.

|                                |              |
|--------------------------------|--------------|
| 6 Indian Currant . . . . .     | See Page 131 |
| 4 White Snowberry . . . . .    | " " 131      |
| 5 Rugosa Roses . . . . .       | " " 98       |
| 5 Berberis Thunbergi . . . . . | " " 121      |

20 Large Size Shrubs for \$5.00

# SHRUBS FOR SPECIAL PURPOSES

119

## SHRUBS FOR SHADY PLACES

Azalea Mollis.  
Japanese Barberry.  
Dwarf Deutzias.  
Dogwoods.

Indian Currant.  
Mahonia.  
Privet.  
Rhododendrons.

Rugosa Roses.  
Snowberries.  
Witch Hazel.

## SHRUBS AND TREES FOR WET PLACES

Alders.  
Buckthorn.  
Chokeberries.

Deciduous Cypress.  
Dogwoods.  
Elders.

Lindera Benzoin.  
Tamarix.  
Willows.

## SHRUBS AND TREES HAVING ATTRACTIVE BERRIES

Japanese Barberry.  
Bird Cherry.  
Bittersweet.  
Calliocalpa Purpurea.  
Chokeberries.  
Dogwoods.  
Eleagnus Longipes.

Evonymus.  
Elders.  
Bush Honeysuckles.  
Indian Currant.  
Japan Quince.  
Lindera Benzoin.

Mountain Ash.  
Myrica Cerifera.  
Rhodotypus.  
Snowberries.  
Sumac.  
Viburnums.

## SHRUBS HAVING COLORED OR VARIEGATED FOLIAGE

### GOLDEN FOLIAGE

Cornus Gouchaltii.  
Golden Elder.  
Golden Hop Tree.  
Golden Spirea.  
Golden Syringa.  
Rhodotypus.

### SILVER FOLIAGE

Althea Variegated Leaf.  
Cornus Elegantissima Var.  
Var. Japan Corchorus.  
Russian Olive.  
Sambucus Variegata.  
Silver Thorn.  
Weigela Rosea Nana Var.

### RED AND PURPLE FOLIAGE.

Japan Maples.  
Prunus Pissardi.  
Purple Beech.  
Purple Filbert.

## RED FLOWERS

Althea—Double Red.  
" Single Red.  
Calycanthus.  
Cydonia Japonica.  
Tart. Red Honeysuckle.  
Lilac—Rothomagensis.  
" Chas. Joly.  
" Jean Bart.  
" Lorraine.  
" L. Spaeth.  
Spirea—A. Waterer.  
Wallufi.  
Weigela—A. Carriere.  
" Eva Rathke.  
" Floribunda.  
" Van Houtte.  
Trumpet Vine.  
Clematis—Coccinea.  
" Mad. Andre.  
Hskl.—Scarlet Trumpet.

## YELLOW FLOWERS

Azalea Mollis.  
Barberry.  
Caragana.  
Colutea.  
Cornus Mas.  
Forsythias.  
Kerria.  
Potentilla.  
Weigela Lutea.

\*Most of the others are white, with a large percent pink; a few blue, purple, etc.

# HEDGES AND SCREENS

**THE HEDGE.** Modern home-makers are planting hedges in lieu of the discarded fence, at little extra cost, and vast increase of sightliness. Hedges are equally effective for protection and separation, besides being a delight to the eye.

There are numerous shrubs specially adapted to this purpose, from which we shall submit just a few of the most popular and trustworthy.

**CALIFORNIA PRIVET.** For a cropped, formal hedge, the various Privets are most easily handled, and of them, the California Privet, or Ligustrum Ovalifolium, is used in by far the greatest proportion. Although not hardy in many localities of the Northwestern States, there is no reason why they should not do well in most sections of the entire Middle West and other Northern States. Spring is preferable for planting, although thousands are safely started in the Fall. Care should be taken in preparing the ground. Dig out a trench about 2 feet deep and wide as needed. If the soil is good and rich, it may be replaced; but if of doubtful quality, mix in some better. Apply about three inches of rotted manure or an equivalent in commercial fertilizer, and mix the entire heap thoroughly before returning to the trench. If the plants are to be in a single row, set them about 12 inches apart; if in a double row, about 18 inches apart each way and alternately. The single row is very effective, but naturally the double row makes a wider and denser hedge. No matter how strong the plants, cut back severely at planting; and covering the branches a little above the crown, makes for density. Trimming should commence after the plants are well established; in Spring before the buds swell, again in July, and sometimes after unusually strong growth, later in Summer.

**BARBERRY.** Barberry hedges are not so stiff as Privet and require less trimming; the natural growth being rounded, dense and attractively fluffy. The common Berberis Vulgaris, and B. Purpurea, are prohibited by the government, but Thunbergi is all right. Its branches are very fully covered with little round, maiden-hair-like leaves of bright rich green, which in Autumn take on a brilliant red color. Large bright red berries also appear in the Fall, and brighten the stems far into Winter. Small thorns afford ample protection against trampling and breakage. Plant 12 to 15 inches apart.

**CYDONIA JAPONICA.** (Japan Quince.) Plant 15 to 18 inches apart. A very hardy shapely growing plant, which will succeed in almost any soil.

**RIHAMNUS CATHARTICUS.** (Buckthorn.) The dark foliage-masses of this dense, twiggy bush are relieved by masses of attractive white flowers in June and July. They are followed by showy black fruits. Plant 12 inches apart.

**UPRIGHT HONEYSUCKLES.** These shrubs are attractive for their pretty flowers, fragrance and Fall berries; the foliage being at all times clean and bright. Plant 15 to 18 inches apart.

**RUGOSA, NATIVE AND BRIAR ROSES.** Although conforming to regular formation and uniform growth, a hedge of these shrubs have an air of wildness and unhampered freedom, inexpressibly charming. The foliage is dark and lustrous, and free from insect or fungus attacks; while the great single and semi-double flowers appear in riotous profusion and impregnate the air with their haunting fragrance. The red berries which follow are bright spots in the landscape during Autumn and Winter. There are various sorts in distinct colors; thus allowing a studied mixture of color which is very striking. Plant 18 inches apart.

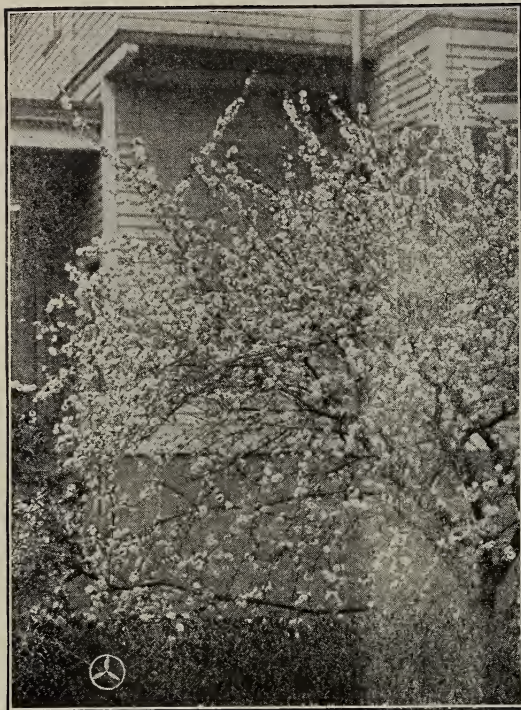
**SPIREA VAN HOUTTE.** Few shrubs retain their attractive foliage throughout the year so well as this sort. In Spring, or about Memorial day, a hedge of Van Houtte is a perfect fountain of pure white bloom. Plant 18 inches apart.

**PHILADELPHUS.** The sweet-scented Syringa, Philadelphus, or "Mock-Orange," conform to pruning and may be kept at any desired height for a high hedge; and furnish one of the choicest classes of shrubs for this purpose. Plant 18 inches apart.

**ASSORTED SHRUBS.** A studied assortment of the taller growing shrubs, planted with regard to color and foliage contrast and differing blooming seasons, affords a most thrilling opportunity for genuine pleasure and artistic show. See pages 118 to 133 for selection and prices.

## PRICE OF HEDGE PLANTS

|   | Per 10 | Per 100 |
|---|--------|---------|
| Barberry—Thunbergi, 15 to 18 inches. . .            | \$2 00 | \$14 00 |
| " " 18 to 24 inches. . .                            | 2 50   | 18 00   |
| Cydonia Japonica—18 to 24 inches. . .               | 2 00   | 15 00   |
| Honey Locust—12 to 18 in., per M, \$10.00 . . . . . |        | 1 25    |
| Privet—Hardy Amurensis, 15 to 18 inches. . .        | 80     | 6 00    |
| " " 18 to 24 inches. . .                            | 1 00   | 8 00    |
| " " California, 12 to 15 in. per M, \$20 . . .      | 50     | 3 00    |
| " " 15 to 18 in. per M, \$30 . . .                  | 60     | 4 00    |
| " " 18 to 24 in. per M, \$40 . . .                  | 80     | 5 00    |
| " " 2 to 2½ feet . . . . .                          | 1 25   | 7 00    |
| " " Iboia, 15 to 18 inches. . . . .                 | 85     | 7 00    |
| " " 18 to 24 inches. . . . .                        | 1 25   | 9 00    |
| Rhamnus Catharticus—1½ to 2 feet . . .              | 1 25   | 10 00   |
| " " 2 to 3 feet . . . . .                           | 2 00   | 15 00   |
| Upright Honeysuckles—2 to 3 feet. . . . .           | 3 00   | 25 00   |
| Spirea Van Houtte—18 to 24 inches. . .              | 2 00   | 15 00   |
| " " 2 to 3 feet. . . . .                            | 2 50   | 20 00   |
| Philadelphus—2 to 3 feet. . . . .                   | 3 00   | 20 00   |
| " " 3 to 4 feet. . . . .                            | 4 00   | 30 00   |
| Rosa Rugosa, 2 year field grown. . . . .            | 3 50   | 30 00   |
| " " Setigera. . . . .                               | 4 00   | 35 00   |
| " " Carolina. . . . .                               | 4 00   | 35 00   |
| " " Lucida. . . . .                                 | 4 00   | 35 00   |
| " " Humilis. . . . .                                | 4 00   | 35 00   |
| " " Blanda. . . . .                                 | 4 00   | 35 00   |
| " " Multiflora. . . . .                             | 4 00   | 35 00   |



A very old Flowering Almond

**ALMOND.** Early spring flowering shrubs, gaily in full bloom before the leaves appear. Their growth is dwarf, bushy and compact; slender branched; when in bloom completely hidden by beautiful, double flowers of rose or white, snuggling tight to the twigs.

—**Double White and Double Pink.**  
2 to 3 feet—50 cts. each; \$4.00 per 10  
Mail size, 25 cts. each.

Double  
"Rose of  
Sharon"

**ALTHEA.** (Rose of Sharon.) Bloom late in August and September, with a profusion of large and brightly colored flowers much like the tender Hibiscus in form. Grown in standard form, they attain 10 to 12 feet in height and make attractive specimens. Planted more compactly and occasionally pruned, they are both serviceable and showy as hedges.

—**Double Rose, White, Purple, Red and Striped.**  
2 to 3 feet—40 cts. each; \$3.00 per 10; \$25.00 per 100  
3 to 4 feet—50 " " 4.00 " 30.00 "

—**Variegated Leaved.** This is one of the handsomest variegated leaved shrubs that grows. The Althea foliage is always attractive; but nothing else can equal their charm when broadly blotched and banded with cream and silver.

18 to 24 inch—50 cts. each; \$4.00 per 10  
Mail size, 20 cts. each.

**AMORPHA FRUTICOSA.** Grows 6 to 10 feet high in large, spreading bush form, with bright green leaves in pinnate arrangement; flowers deep violet blue, in June. 2 to 3 feet—40 cts. each; \$3.50 per 10



A Sprig of Aralia Pentaphylla

**ARALIA PENTAPHYLLA.** Long, slender, gracefully arching branches and bright green compound foliage. Makes a small tree in time, especially attractive on rocky slopes. Greenish white flowers in long umbels.

2 to 3 feet—40 cts. each; \$3.00 per 10  
3 to 4 feet—50 " " 4.00 "

**ARONIA.** (Chokeberry.) Attractive, perfectly hardy shrubs preferring moist location, but equally good in dry soil. Leaves are smooth, pale green coloring vividly to red in fall. Flowers are a tinted white in numerous small corymbs, succeeded by conspicuous, persistent berrylike fruits.

—**Arbutifolia.** Upright, 6 to 10 feet; very pretty in April and May with an abundance of white flowers; its fall fruits a bright red, and carrying well into winter.

1½ to 2 feet—50 cts. each; \$4.00 per 10  
2 to 3 feet—60 " " 5.00 "

—**Nigra.** (Black Chokeberry.) Dwarfier than Arbutifolia, seldom reaching 6 feet. Its flowers are slightly tinged with red, and its fruits ripen to a shiny jet black. 2 to 3 feet—40 cts. each; \$3.00 per 10.

All Shrubs are Priced for Freight or Express, Except Where Specially Stated "Mail Size."

**Azalea Mollis**

**AZALEA.** In early spring, the Azaleas are resplendent with bloom; and make the most gorgeous show of color to be found among the deciduous shrubs. One very effective way is to mingle them with Rhododendrons (both requiring about the same soil and treatment), where their brilliant flowers set off the sombre foliage of the Rhododendrons before the latter come into bloom.

—**Mollis.** Great trusses of large flowers colored in many shades of red, yellow, white and orange.  
12 to 15 inch—80 cts. each.  
15 to 18 inch—\$1.00 each.

—**Pontica.** (Ghent Azalea.) A splendid assortment of hybrids averaging a little larger in size and showing greater diversity of color shades than other Azaleas. Delightfully fragrant. Choice named varieties, well set with flower buds. \$1.25 each.

**Thunberg's Barberry****Pyramidal Boxwood**

**BERBERIS Thunbergi.** (Japan Barberry) There is no shrub in existence so generally planted or more practical for all purposes where beautiful foliage effect is desired than this. It is dwarf growing, uniformly bushy and rounded in form, susceptible to formal pruning, with small, numerous leaves densely covering the thorny twigs. These give it paramount importance for use as a filler, and edging for shrubbery groups; as a foundation screen in front of porches; and, above all, as a compact, impassable, hardy, low hedge for confining lawns or dividing properties.

As dainty in character as Maiden Hair fern, the foliage throughout spring and summer graduates from brightest to richest green; while autumn makes them blaze with crimson, scarlet and gold. Following the close-set, small flowers of creamy white, are oval fruits which gleam redly along every branch in late fall, and far into the winter.

|                      | Each            | Per 10 | Per 100 |
|----------------------|-----------------|--------|---------|
| 12 to 15 inches..... | \$0.20          | \$1.50 | \$10.00 |
| 15 to 18 inches..... | .25             | 2.00   | 14.00   |
| 18 to 24 inches..... | .30             | 2.50   | 18.00   |
| 24 to 30 inches..... | .35             | 3.00   | 25.00   |
| Mail size, 15 cts.:  | \$3.00 for 100. |        |         |

## BOXWOOD

Most extensively used of the Evergreen Shrubs, for indoor, porch and lawn decoration. The beautiful short, dense foliage is the richest green of any shrub; thick and substantial, very dark in shadow, lustrous in the sun. Our stock is of fine quality, imported from Holland with the original ball of earth.

| <b>BUSH SHAPED</b>                | Each   |
|-----------------------------------|--------|
| 12 inch—Balled and burlapped..... | \$0.75 |
| 18 inch—Balled and burlapped..... | 1.25   |
| 24 inch—Balled and burlapped..... | 2.00   |

| <b>PYRAMID SHAPED</b>             | Each   |
|-----------------------------------|--------|
| 36 inch—Balled and burlapped..... | \$4.00 |
| 48 inch—Balled and burlapped..... | 5.00   |
| 54 inch—Balled and burlapped..... | 6.00   |

## BALL SHAPED

Perfect globe-shaped specimens, the result of patient, special culture. 15x15 inches, \$3.50 each; 18x18 inches, for \$6.00 each.

## BUDDLEIA

"Butterfly Bush"—"Summer Lilac"

One of the most admired and sought after shrubs in the trade. Of quick bushy growth; when the lovely bloom-spikes appear in July, the shrub, which had probably died down nearly to the ground during winter, is now a perfect specimen of about five feet; radiating a delightful perfume and glowing with the tints and flower shape of the Spring Lilacs.

**Amplissima.** Compared with Veitchiana, its bush-form is more graceful, more open and spreading; with a brighter, reddish tint to the flowers.

**Lindleyana.** Bright lavender flowers in great profusion all summer; spikes of good length and even roundness.

**Magnifica.** This variety is selected from several good sorts as being the hardiest for all sections. Flower spikes 10 inches in length by 3 in diameter are no unusual. Color deep violet-rose, with a pronounced orange center.

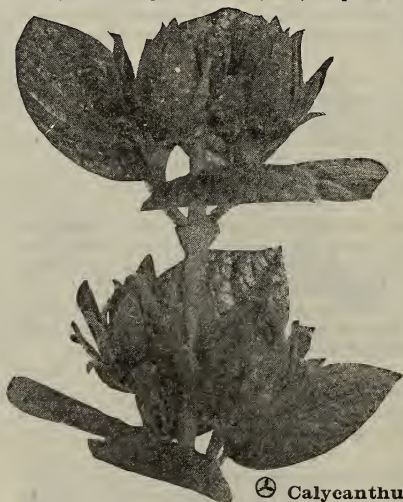
**Veitchii.** Blooms freely even in small state and is sure to make a fine show the first year planted. Flower spikes are compact, full and cylindrical; under the best cultivation, attaining as much as 12 to 15 inches in length by a diameter of 3 inches. Blooming with great freedom until stopped by frosts; always sweet scented; color a very pleasing shade of mauve-violet.

1 year—from 2½ inch pots, 15 cts. each; \$1.00 per 10.

2 years—Strong, 35 cts. each; \$3.00 per 10.

**CALLICARPA PURPUREA.** A pretty shrub from 1 to 4 feet high, more at home south of the Ohio, but practical in the North if given a sheltered position and winter protection. It blooms profusely during August with small axillary clusters of pink flowers, these followed by berry-bunches colored a light violet. If top should freeze, young shoots will come up and flower and fruit the next season.

18 to 24 inches—50 cts. each; \$4.00 per 10



☉ Calycanthus

**CALYCANTHUS.** (Carolina Allspice.) A unique shrub of quick growth, blossoming oddly at the leaf axils in double, spicily fragrant flowers of chocolate red. 18 to 24 inch—40 cts.; \$3.00 per 10 } Mail size, 20 cts.  
2 to 3 feet—50 cts.; \$4.00 per 10 }



Sweet Pepper Bush (See page 123)

**Ceanothus Americanus**

**CARAGANA ARBORESCENS.** (Siberian Pea Shrub.) Grows ten to twelve feet high and makes a splendid show with its bright green, compound leaves and numerous small clusters of yellow flowers. 2 to 3 feet—35 cts.; \$3.00 per 10

**CEANOTHUS AMERICANUS.** (New Jersey Tea.) Low erect shrub to 3 feet, with small ovate leaves, and a vast amount of short-lived bloom from July to Sept. Flowers are both terminal and axillary, in full, loose foamy corymbs; pure white. 18 to 24 inches—45 cts.; \$3.50 per 10

**CHIONANTHUS VIRGINICA.** (White Fringe.) A very showy shrub, growing to large size; with large, leathery shiny leaves, and lace-like white flowers borne in gracefully drooping panicles. 2 to 3 feet—60 cts. each; \$5.00 per 10  
3 to 4 feet—75 " " 6.00 "  
Mail size, 25 cts. each.

**CLETHRA ALNIFOLIA.** (Sweet Pepper Bush.) A handsome little shrub, delightfully fragrant in September when covered with long, showy wands of white flowers. It is valuable for the front of the border, as it grows only three to five feet tall. 18 to 24 in.—45 cts.; \$3.50 per 10  
Mail size, 20 cts. each.

**COLUTEA ARBORESCENS.** (Bladder Senna.) Fast growing shrub attaining 15 feet in height, preferring a dry, sunny location. Foliage Acacia-like, flowers pea-shaped in long racemes, yellow and cinnabar-red, followed by red bladder-shaped seed pods. 2 to 3 feet—35 cts. each; \$3.00 per 10  
3 to 4 feet—40 " " 3.50 "

**CORNUS.** (Dogwood.) The shrubby Dogwoods are mainly valuable for the brilliancy of their barks and berries, and the handsome variegation of their foliage. All varieties do well in shade.

—**Sibirica.** Grows 6 to 10 feet high, with clusters of fine white flowers, succeeded by a fall crop of ornamental berries; stem and branches turning to blood-red in winter. 2 to 3 feet—35 cts. each; \$3.00 per 10  
3 to 4 feet—45 " " 4.00 "  
Mail size, 20 cts. each; \$1.50 per 10

—**Elegantissima Variegata.** Grows 8 to 10 feet high, with purplish red branches and beautiful silver variegated foliage. 2 to 3 feet—60 cts. each; \$5.00 per 10  
3 to 4 feet—75 " " 6.50 "

—**Gouhaulti Aurea.** Leaves broadly margined yellow. Of branchy, spreading habit. 18 to 24 inches—75 cts. each; \$6.00 per 10

—**Paniculata.** (Gray Dogwood.) One of the best sorts for tall shrub groups (6 to 15 feet). Showing a profusion of good sized white flowers in June. Berries white, on noticeable red stems. Bark and underside of leaves gray. 2 to 3 feet—45 cts. each; \$3.50 per 10  
3 to 4 feet—50 " " 4.00 "

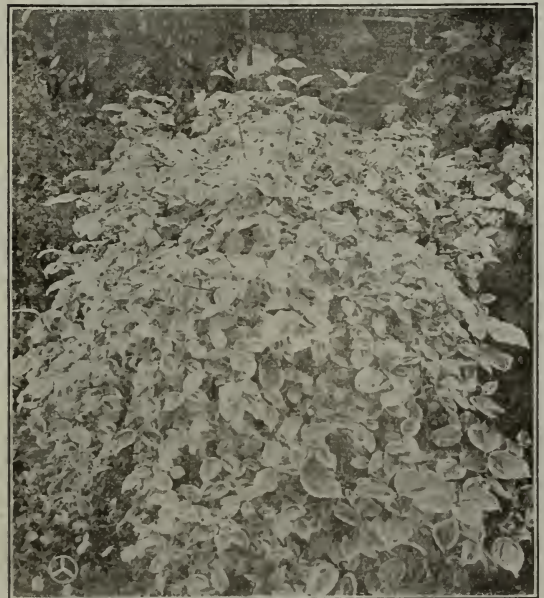
—**Sericea.** (Silky Dogwood.) Usually dwarf growing, with silky leaves, and dense cymes of greenish white flowers in early summer. Bark purplish, fruits black.

—**Stolonifera.** (Red Ozier Cornel.) Medium sized and spreading, with dark red bark and white flowers, berries white.

Sericea and Stolonifera prices:

2 to 3 feet—35 cts. each; \$3.00 per 10  
3 to 4 feet—45 " " 3.50 "

—**Lutea.** A striking yellow branched form of Stolonifera, very satisfactory for contrasting. 2 to 3 feet—40 cts. each; \$3.00 per 10

**Cornus Elegantisima Variegata**

**Deutzia Lemoinei**

**CYDONIA JAPONICA.** (Japan Quince.) Very early in spring this fine old shrub is completely covered with dazzling scarlet flowers, followed by small, quince-shaped fruits which are quite fragrant. Growth bushy and dense, with protecting thorns 18 to 24 in.—25 cts. each; \$2.00 per 10

2 to 3 feet—35 “ “ 2.50 “  
Mail size, 20 cts. each; \$1.50 per 10

**DESMODIUM PENDULIFLORUM.** A shapely, pretty leaved semi-herbaceous shrub from 2 to 4 feet high; literally covered in early autumn with long drooping racemes of magenta flowers. 2 year plants, 60 cts.; \$5.00 per 10

**DEUTZIAS.** Valuable self-sustaining shrubs which vary considerably in height and habit, but bloom alike in dainty bell or tassel-shaped flowers borne thickly in wreaths along their branches, in June. The taller sorts are useful for specimens, groups, and the background of shrubberies; the dwarfier, for borders or for planting near the house.

—**Candidissima.** Double pure white flowers.

—**Crenata.** Distinct from all others; white.

—**Crenata, fl. pl.** Double white, tinged pink.

Above 3 sorts:

2 to 3 feet—35 cts. each; \$2.50 per 10

3 to 4 feet—45 “ “ 3.50 “

Mail size, 20 cts. each.

—**Gracilis.** (Slender Branched.) Dwarf growing, densely bushy, its drooping branches wreathed with pure white flowers in May. Also valuable for winter blooming in pots.

15 to 18 in.—40 cts.; \$3.50 per 10

Mail size, 20 cts. each.

—**Boule de Nieve.** Dwarf growth but large flowered; creamy white bloom fairly crowding the upper branches.

2 to 3 feet—50 cts.; \$4.00 per 10

Mail size, 25 cts. each.

—**Lemoinei.** Large flowers of pure white borne in cone-shaped heads.

2 to 3 feet—50 cts.; \$4.00 per 10

Mail size, 25 cts. each.

—**Pride of Rochester.** Grows 6 to 8 feet high; and blooms in May before the others. Flowers large and free, double white.

2 to 3 feet—35 cts.; \$3.00 per 10

3 to 4 feet—45 “ “ 3.50 “

Mail size, 20 cts. each.

—**Watereri.** Tall growing; with large pink, flat flowers in loose racemes.

2 to 3 feet—35 cts.; \$3.00 per 10

3 to 4 feet—45 “ “ 3.50 “

Mail size, 20 cts. each.

**ELEAGNUS LONGIPES.** (Japan Oleaster, “Silver Thorn.”) A showy shrub of strong, bushy growth, with silver variegation in the lining of its leaves, which are dark green above. Its fragrant, creamy white blossoms open in April or May; the scarlet, edible fruits hang thickly along its branches and are ripe in July. They make delicious sauces.

2 to 3 feet—50 cts.; \$4.00 per 10

**EVONYMUS ALATUS.** (Winged Burning Bush.) An 8 to 10 foot shrub, with corky winged branches; fine shrub for solitary plantings, as well as for massing, the rich red and crimson of its leaves being very showy in autumn.

2 to 3 feet—75 cts.; \$6.00 per 10

3 to 4 feet—90 “ “ 8.00 “

**PURPLE FILBERT.** Makes a 10 to 12 foot tree, in time; useful for its fine “Hazel” nuts in fall, and the rich purple of its foliage.

18 to 24 in.—75 cts.; \$6.00 per 10

Mail size, 35 cts. each.

**FORSYTHIA.** (Golden Bell.) These splendid old shrubs, growing 8 to 10 feet tall eventually, light up the garden with glinting masses of yellow, very early in spring before the leaves appear. Their bright golden flowers, often appearing before the snow is gone, vie with the Crocus as harbingers of spring.

—**Intermedia.** The earliest blooming.

—**Viridissima.** Twisted flowers, a little the deepest yellow, with rich, shiny green foliage.

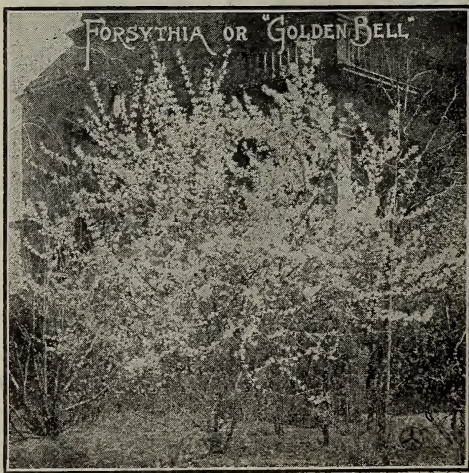
—**Suspensa.** Very long, curving branches, superbly adapted to covering arches and trellises.

—**Fortunei.** Similar to the above, but of more upright growth.

All Forsythias—Mail size, 20 cts. each.

2 to 3 feet—35 cts. each; \$3.00 per 10

3 to 4 feet—45 “ “ 3.50 “



**Hydrangea Paniculata Grandiflora**

**HYDRANGEA.** The massiveness of bloom on these valuable shrubs assures them a place in every grouping where solid white effects are required.

—**Arborescens Grandiflora.** ("Hills of Snow.") The flowers are, in a large way, similar to the familiar "Snowball" in appearance; conspicuously white and imposing. July to September.

18 to 24 in.—40 cts. each; \$3.50 per 10

2 to 3 feet—50 " " 4.00 "

Mail size, 20 cts. each; \$1.50 per 10

—**Paniculata Grandiflora.** Single specimens, if planted in rich soil and severely pruned every Spring before the leaf buds open, will get to be very dense, stocky clumps of compact form, wonderfully attractive when laden with their massive white plumes. Large beds, kept at a uniform development, are extremely showy; first snowy white, then pink, then reddish bronze and green. August till autumn.

18 to 24 in.—35 cts. each; \$3.00 per 10

2 to 3 feet—45 " " 3.50 "

Mail size, 20 cts. each; \$1.50 per 10

—**Tree Shaped.** Very desirable in this form, in formal lines and backgrounds, or solitary.

3 to 4 feet—75 cts. each; \$6.00 per 10

**KALMIA LATIFOLIA.** (Mountain Laurel or Calico Bush.) Second only to the Rhododendrons among the broad-leaved evergreens. Its quaintly formed rosy-white buds and flowers cluster in great trusses and contrast finely with the shining, dark leaves. Even small plants are gay with them. Especially impressive in masses, but make a brave show as separate specimens.

Choice imported stock, 18 in.—\$1.50 each.

Choice imported stock, 24 in.—\$2.00 each.

**The Golden Glory of Japan Corchorus**

**KERRIA Japonica.** (Japan Corchorus.) A handsome, green-leaved shrub, growing 4 to 5 feet. Graceful, slender, drooping branches, painted with a wealth of rich dark yellow flowers in June, and to some extent all summer.

18 to 24 in.—40 cts. each; \$3.00 per 10

2 to 3 feet—50 " " 4.00 "

Mail size, 20 cts. each.

—**fl. pl.** (Double Japan Corchorus.) Flowers very double and compact, as free blooming as the single variety but plant not quite so hardy.

1½ to 2 feet—50 cts. each; \$4.00 per 10

—**Variegata.** One of the choicest of the dwarf growing shrubs and always scarce. The foliage is small, dense and profuse, so variegated with white as to present a striking appearance of silver. The flowers are as large and yellow as on the taller type, and appear at intervals all summer.

15 to 18 in.—50 cts. each; \$4.00 per 10





The Old Garden Lilac Bush

**LILACS.** (*Syringa*.) Best beloved of all the old time garden shrubs; whose flowers never fail to charm with their delicate beauty or refresh with their tender fragrance. New varieties are occasionally produced with deeper coloring and larger form, so that our lists present a wide and varied offering.

- Common Purple.** (*S. Vulgaris*.)
- Common White.** (*S. Vulgaris Alba*.)
 

|              |               |               |
|--------------|---------------|---------------|
| 2 to 3 feet— | 35 cts. each; | \$2.50 per 10 |
| 3 to 4 feet— | 40 " "        | 3.50 "        |
| 4 to 5 feet— | 60 " "        | 5.00 "        |

 Mail size, 20 cts. each.
- Persian Purple** and —**Persian White.** Dwarf growing with slender branches and narrow leaves. 2 to 3 feet—60 cts. each; \$5.00 per 10. Mail size, 25 cts.
- S. Josikaea.** (Hungarian Lilac.) Blooms late in June, with large panicles of lilac-purple flowers. Grows upright, 8 to 10 feet high, with stout branches and broad dark leaves.
- S. Rothomagensis.** (Rouen Lilac.) Grows 10 to 12 feet high; immense reddish-purple panicles in May. Mail size, 25 cts. each.
- S. Villosa.** Dwarf growth, broad leaved; pinkish lilac flowers in long loose panicles.
- 3 sorts above—2 to 3 feet, 50 cts. each; \$4.00 per 10.
- S. Japonica.** (Japan Tree Lilac.) Grows to 30 feet, and makes a beautiful lawn specimen. Flowers appear in great profusion during June or July, creamy white in slender plumes 15 to 20 inches long. 3 to 4 feet—60 cts. each; \$5.00 per 10  
4 to 5 feet—75 " " 6.00 "

The so-called "Summer Lilacs" belong to a different family entirely. They are varieties of *Buddleia*, listed on page 122.

**LINDERA BENZOIN.** (Spice Bush.) One of the best of the aromatic-barked shrubs; growing 6 to 10 feet high and at its best in moist, peaty soils. It is quite gay in early spring before the leaves appear, with small but numerous yellow flowers. Its fall aspect is even more brilliant; when its full leafage has turned to yellow, thickly studded with scarlet fruits. 2 to 3 feet—50 cts. each; \$4.00 per 10

## FRENCH NAMED LILACS

All varieties, 3 to 4 feet, 85 cts. each; \$7.50 per 10  
2 to 3 feet, 75 cts. each; \$6.00 per 10

- Alphonse LeValle.** Blue, shaded violet.
- Belle de Nancy.** Brilliant rose, white centered.
- Chas. Joly.** Rather low in growth; flowers double, very dark reddish purple.
- Countesse Horace de Choiseul.** Dwarf growth; extra large trusses of porcelain blue. Double.
- Frau Bertha Dammann.** Immense trusses; pure white, medium sized single flowers.
- Glorie de Lorraine.** Splendid large single flowers in large trusses; red in bud, lilac when open. Bush grows not much over three feet high.
- Jean Bart.** Double, rosy carmine flowers in large, compact plumes.
- La Tour d'Auvergne.** (D) Of notably strong growth; flowers large, violet purple.
- Leon Simon.** Dwarf; double, bluish crimson.
- Mad. Abel Chatenay.** Double white.
- Mad. Jules Finger.** Large, satiny rose flowers in strong, erect plumes; quite fragrant.
- Mad. Lemoine.** Double pure white.
- Marie Le Graye.** Single; pure white.
- Michael Buchner.** Dwarf; pale lilac.
- Negro.** Very large panicles of single flowers; deep violet purple.
- Pres. Carnot.** (D) Pale blue, marked with white at center.
- Pres. Grevy.** (D) Huge panicles; beautiful shade of light blue.
- Siebold.** Double; snow white tinted flesh pink.
- Souvenir de Ludwig Spaeth.** A choice variety with long panicles of single flowers; dark, purplish blue.



French Lilac—Glorie de Lorraine

## TARTARIAN HONEYSUCKLE



## LONICERA. (Bush Honeysuckle.) The upright

Honeysuckles have bright and pretty fragrant flowers followed by showy berries that last through the fall. Make very desirable and attractive hedges. The earliest shrub to get full leafage in spring, with the brightest, clearest green color in the groups.

- Alberti.** (Siberian Honeysuckle.) Dwarf, bushy growth about 2 feet, with silvery, pinnate foliage; fragrant, violaceous pink flowers in June.  
15 to 18 inch—45 cts. each; \$3.50 per 10
- Bella Albida.** Flowers white, in great fragrant clusters, followed by attractive ropes of red berries, which remain all summer.  
3 to 4 feet, 45 cts. each; \$3.50 per 10  
Mail size, 20 cts. each.
- Fragrantissima.** Not a showy sort, but its early pink and white flowers are sweetly fragrant, and its foliage remains until late in winter, if somewhat sheltered.  
2 to 3 feet, 50 cts. each; \$4.00 per 10
- Ledebouri.** A new variety, very showy with bright red bloom in May.  
2 to 3 feet—45 cts. each; \$3.50 per 10
- Ruprechtiana.** A new early flowering variety with white flowers, and red berries.
- Morrowi.** (Japanese Bush Honeysuckle.) A spreading variety growing 4 to 6 feet tall.  
Two { 2 to 3 feet—40 cts. each; \$3.00 per 10  
above { 3 to 4 feet—50 " " 4.00 "
- Tartarica.** (Tartarian Honeysuckle.) A tall growing class attaining 8 to 10 feet if left unpruned; quantities of red and-orange berries.
- Rubra.** Deep rose pink flowers; early.
- Alba.** Flowers bluish white.
- Virginalis Alba.** Pure white; fragrant.  
Four { 2 to 3 feet—40 cts. each; \$3.00 per 10  
above { 3 to 4 feet—50 " " 4.00 "  
Mail size, 20 cts. each.

**MYRICA CERIFERA.** (Wax Myrtle.) Slow growing but ultimately attaining 5 to 8 feet. Its leaves are ornamental, bright, lustrous green, pungently aromatic if bruised. The plentiful berries, which persist all winter, are their main attraction; bluish white, heavily coated with wax.

18 to 24 inches—50 cts. each; \$4.00 per 10

**Philadelphus.** (Syringa or Mock Orange.) One of the best and most popular old shrubs, the taller growing sorts largely used for hedges.

—**Aureus.** (Golden Syringa.) Valuable for contrastive grouping, and the best golden leaved shrub.  
15 to 18 inch—45 cts. each; \$3.50 per 10  
Mail size, 20 cts. each.

—**Avalanche.** Very large, fragrant flowers on slender branches which arch gracefully to the ground.  
2 to 3 feet—50 cts. each; \$4.00 per 10. Mail size, 20 cts.

—**Bouquet Blanc.** Close set bunches of double or semi-double white flowers.  
2 to 3 feet—50 cts. each; \$4.00 per 10

—**Coronarius.** (Garland Syringa.) A fine old form 8 to 10 feet tall. Its large white flowers in very graceful sprays are delightfully scented. May.

—**Grandiflorus.** Very large flowers in June.

—**Gordonianus.** Best late bloomer. July.

Above { 2 to 3 feet—40 cts. each; \$3.00 per 10  
three { 3 to 4 feet—50 " " 4.00 "  
sorts { Mail size, 20 cts. each.

—**Lemoinei Erectus.** Erect growing with fine foliage, creamy white flowers in June.  
2 to 3 feet—45 cts. each; \$3.50 per 10  
Mail size, 20 cts. each.

—**Nivalis Inodorus.** Flowers snow-white, with creamy stamens. 2 to 3 feet, 60 cts. each; \$5.00 per 10

—**Manteau d'Hermine.** Of very dwarf, drooping habit; branches long and slender, densely covered from base to tip with sweet scented double flowers.

—**Mont Blanc.** Extremely fragrant and free flowering; medium size flowers of pure white in abundance, on slender, upright branches; tall.

Above two new sorts, 2 to 3 feet, 60 cts. each; \$5.00 per 10. Mail size, 35 cts. each.



Philadelphus or "Mock Orange"

**POTENTILLA FRUTICOSA.** (Shrubby Cinquefoil.) A bright flowered little shrub that thrives in moist places where many others refuse to grow. Of upright growth; with narrow, compound, silky foliage, and bright yellow flowers from mid-summer until frost.  
18 to 24 inch—45 cts. each; \$3.50 per 10

### PRIVET (*Ligustrum*)

—**California.** (*L. Ovalifolium*.) A species of unequalled beauty that has become the most popular of all hedge plants. For groups and specimens it is equally pretty, and its shining deep green leaves give it value for porch and terrace decoration when grown in standard form. Can be sheared to any desirable shape.

|                     | Each   | Per 10 | Per 100 | Per 1000 |
|---------------------|--------|--------|---------|----------|
| 12 to 15 inch. .... | \$0.50 | \$3.00 | \$20.00 |          |
| 15 to 18 inch. .... | .60    | 4.00   | 30.00   |          |
| 18 to 24 inch. .10  | .80    | 5.00   | 40.00   |          |
| 2 to 3 feet. .15    | 1.25   | 7.00   | 60.00   |          |

Mail size, 10 cts. each.

—**Amoor River.** (*L. Amurense*.) (Hardy Northern.) Of similar form and habit to the California type, not so lustrous, but the safest substitute for cold climates.

15 to 18 in.—10 cts.; \$0.80 per 10; \$6.00 per 100  
18 to 24 in.—15 " 1.00 " 8.00 "

Mail size, 15 cts. each.

—**L. Iboia.** Spreading and tall growing, one of the hardiest. Color grayish-green, fruits black.

15 to 18 in.—10 cts.; \$0.85 per 10; \$7.00 per 100  
18 to 24 in.—15 " 1.25 " 9.00 "

Mail size, 10 cts. each.

—**English.** (*L. Vulgaris*.) Grayish green leaves, white flowers and black berries. Mail size, 15 cts. each.

18 to 24 in.—15 cts. each; \$1.00 per 10; \$8.00 per 100  
2 to 3 feet—20 " " 1.50 " 12.00 "

—**Polish.** Probably the hardiest. Of stiff, upright habit; leaves sharply lanceolate. Closest in character to *L. Vulgaris*, but with shinier foliage.

18 to 24 in.—15 cts. each; \$1.20 per 10; \$10.00 per 100

—**Regels.** (*L. Regelianum*.) A dense shrub with stiff, twiggy, horizontal spreading branches drooping at the ends. 15 to 18 in.—25 cts. each; \$2.00 per 10



California Privet

**PRUNUS—Pissardi.** (Purple-leaved Plum.) A distinct and handsome little tree, covered with a mass of small, white, single flowers in spring; later with showy pinkish purple leaves that deepen in color to the end of the season. Mail-size, 40 cts. each.

3 to 4 feet—50 cts. each; \$4.00 per 10  
4 to 5 feet—60 " " 5.00 "

—**Triloba.** (Double Flowered Plum.) A charming shrub of vigorous growth. Very early in spring, before its leaves appear, the whole tree is decked in a fleecy cloud of very double light pink blossoms. Its effect on a still leafless landscape is very bright.

3 to 4 feet—60 cts.; \$5.00 per 10  
Mail size, 40 cts. each.

**RHAMNUS CATHARTICUS.** (Buckthorn.) A dense twiggy bush, 6 to 10 feet high, with dark foliage relieved by masses of attractive white flowers in June and July. Makes a good prunable hedge.

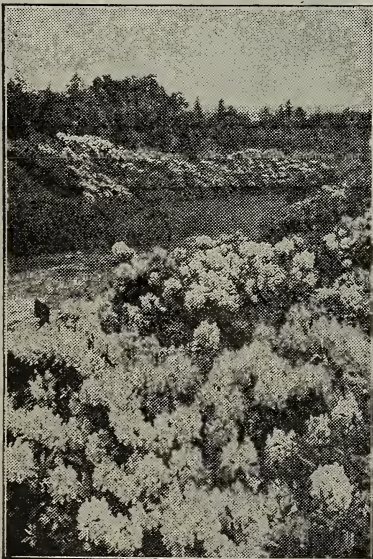
18 to 24 in.—15 cts. each; \$1.25 per 10; \$10.00 per 100  
2 to 3 feet—25 " " 2.00 " 15.00 "

**RHODODENDRON.** (Rose Bay.) Through its blooming season in May and June, no shrub in Nature's garden, the world over, can compare with this. In winter the great leathery leaves of the Rhododendrons form rich banks of green, quite different in character and color tone from the tints of the conifers. Their summer blossoming, in richness and splendid individuality, can be compared only to that of the Magnolias. Rhododendrons are most effective and most easily cared for when planted in large beds or groups, so that their flowers may be displayed in rich masses. They will grow in any good soil, but are finest in a somewhat sheltered situation where the soil is deep, well drained and mulched with leaves. In hot, dry weather **soak** the ground—say about once a week. A protection of leaves and brush during the winter will be beneficial.

The plants we offer are strong and bushy, well set with flower buds, and will flower nicely first year.

—**Grafted Sorts.** Choice named varieties.

18 to 24 in.—\$1.50 each; \$12.50 per 10  
24 to 30 in.—1.75 " 15.00 "  
30 to 36 in.—2.75 " 25.00 "



Rhododendrons

**RHODOTYPUS KERRIOIDES.** (White Kerria.)

An attractive shrub 3 to 6 feet high, with beautiful yellowish green, corrugated foliage and large, single white flowers late in May. The black seeds which follow are large and showy.

2 to 3 feet—45 cts. each; \$3.50 per 10

**RHUS.** (Sumac.) Every lover of Nature thrills at recollection of the picturesque, gnarly, wind-bent rows of Sumac familiarized since childhood in many romantic sky-line. And the woods, the hillside copses never blazed so redly as when autumn painted the Sumac leaves and brought forth its gorgeous fruits.

—**Aromatica.** (Fragrant Sumac.) Grows 2 to 4 feet tall; flowers yellow, in clusters along the stems, followed by red berries in June. Leaves color to brilliant scarlet in fall.

18 to 24 in.—50 cts. each; \$4.00 per 10

2 to 3 feet—60 “ “ 5.00 “

—**Copallina.** (Shining Sumac.) Tall growing; foliage glossy. Blooms late, with terminal flowers of greenish white in dense panicles. Fruits large, deep crimson. Foliage colors beautifully in fall.

2 to 3 feet—60 cts. each; \$5.00 per 10



**Golden Elder**

**Rhus Typhina.** (Stag Horn Sumac.) Picturesque and rugged in all stages of development to its small-tree maturity of about 30 feet. Its flowers are borne during June and July in dense terminal panicles, followed by impressive red fruits.

3 to 4 feet—50 cts. each; \$4.00 per 10

4 to 5 feet—60 “ “ 5.00 “

**SAMBUCUS.** (Elder.) Although the Elders are attractive in flower and fruit, they are chiefly grown for their beautiful leaves, which make admirable fillers among the finer foliage and branches of other shrubs. Being naturally rather tall growing and of robust habit, their use should be confined to backgrounds, screens or the higher hedges.

—**Acutiloba.** (Cut-leaved Am. Elder.) Great handsome cymes of delicate, white, fragrant flowers in June and July, followed by large clusters of fruit.

2 to 3 feet—40 cts. each; \$3.00 per 10

3 to 4 feet—50 “ “ 4.00 “

—**Aurea.** (Golden Elder.) Contrasted with other shrubs, the golden yellow leaves of this European Elder give heightened effects in tone and color. Flowers white, in flat topped cymes. Grows naturally

10 to 15 feet, but can be pruned into a neat, compact little bush.

2 to 3 feet, 40 cts. each;

\$3.00 per 10

3 to 4 feet—50 cts.

each; \$4.00 per 10

—**Tenuifolium.** A cut-leaved form of the red fruited Elder, similar in leaf-structure to

S. Acutiloba, but

of a stockier, more

compact growth.

2 to 3 feet—40 cts.

each; \$3.00 per 10

—**Variegata.** Tall, vigorous, black fruited; its conspicuous leaves

quaintly mottled

with white and

yellow. 2 to 3 feet,

—40 cts. each;

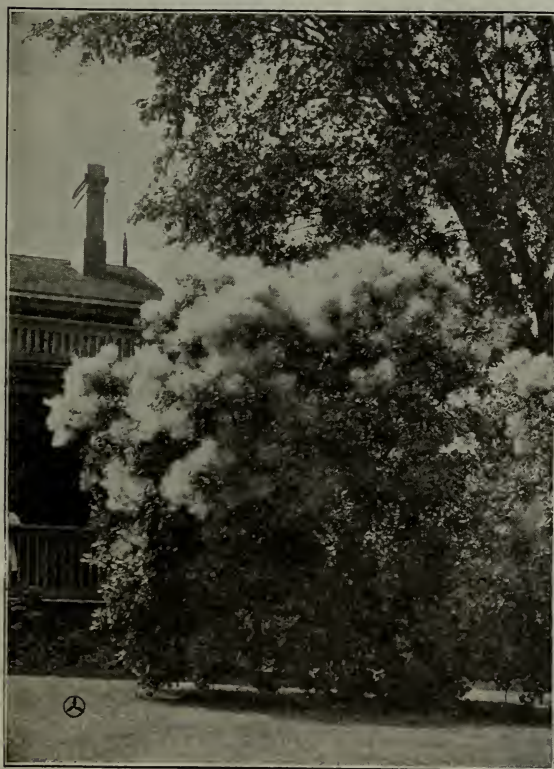
\$3.00 per 10

Mail size.

20 cts. each.



**Stephanandra Flexuosa** (Page 131)



**“Purple Fringe” or “Smoke Tree”**

—**Cotinus.** (Purple Fringe.) A conspicuous spreading shrub or small tree with large leaves; overhung in midsummer by mist-like clouds of tiny flowers. These billowing panicles are a light lavender when fresh, very persistent, and give the impression of smoke at a distance.

2 to 3 feet—40 cts. each; \$3.00 per 10

3 to 4 feet—50 “ “ 4.00 “

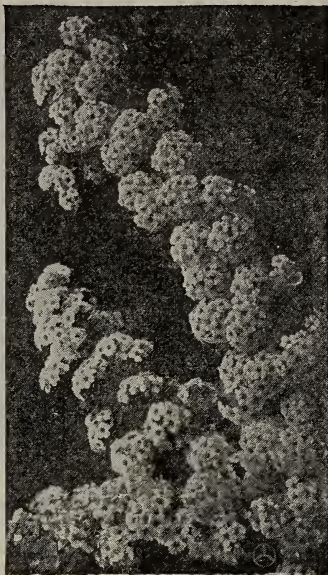
—**Glabra.** (Smooth Sumac.) Grows to a small tree with beautiful leaves which color brightly in Autumn; flowers in July followed by crimson or brown fruits.

2 to 3 feet—35 cts. each; \$2.50 per 10

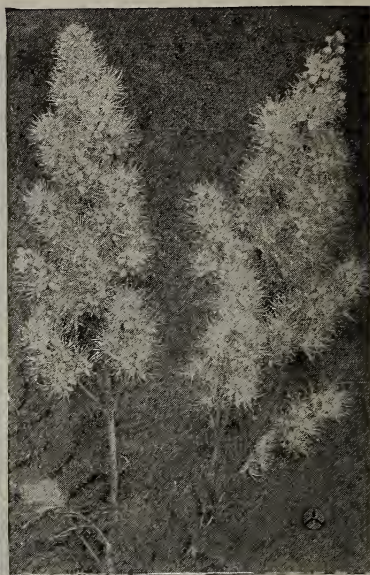
3 to 4 feet—45 “ “ 3.50 “



Billardi



Arguta Multiflora



Lindleyana

## SPIREAS

All the Spireas bloom with a riotous extravagance which makes them quite striking. Their individual style, color and habits of growth differ so markedly that a collection of varieties will ensure bloom the entire season and still evade the monotony of repetition.

All Spireas, Mail size, 20 cts.

### DWARF FORMS—2 to 3 feet

**Spirea Anthony Waterer.** Dwarf, bushy, spreading type, of better habit than original Bumalda, and with larger corymbs brilliantly colored in rosy crimson. Very free flowering, at its best in late summer.

15 to 18 in.—40 cts.; \$3.00 per 10; \$25.00 per 100  
18 to 24 in.—50 " 4.00 "



Spirea Anthony Waterer

—**Bumalda.** A spreading, low bush with dark leaves brightened by corymbs of pretty light pink flowers in May, and at intervals all summer.

18 to 24 in.—40 cts. each; \$3.00 per 10

—**Callosa Alba.** Large flat clusters of white flowers nearly all summer.

18 to 24 in.—40 cts. each; \$3.00 per 10

**Wallufi.** A dwarf-growing, bright red flowered seedling of Spirea Bumalda, in luxuriant bloom from June until frost. Blooms in the same broad, graceful panicles and has the same habit of growth as Bumalda or Anthony Waterer, but retains its depth of color longer than does the type. Wallufi remains red until flower is old and turns brown. Plants we offer are very bushy and shapely; ready to bloom this season.

15 to 18 in.—50 cts. each; \$4.00 per 10  
18 to 24 in.—60 " " 5.00 "

### TALLER SORTS—3 to 10 feet

**Spirea Arguta Multiflora.** (Snow Garland.) A slender shrub, 3 to 5 feet high, with branches a snowy mass of clear white flowers in early May.

18 to 24 in.—40 cts. each; \$3.00 per 10  
2 to 3 feet—50 " " 4.00 "

—**Billardi.** A narrow, dense shrub 6 feet high, with dense panicles of rich pink flowers from July on.

—**Billardi Alba.** White flowered form.

Both sorts, 2 to 3 feet—35 cts. each; \$2.50 per 10

—**Douglasi.** Upright in growth to 7 feet, with reddish brown branches and narrow, oblong leaves. Bears spikes of beautiful deep rose-colored flowers in July.

2 to 3 feet—40 cts. each; \$3.00 per 10

—**Lindleyana.** A medium growing, summer flowering white variety, on the order of *S. Sorbifolia*.

2 to 3 feet—50 cts. each; \$4.00 per 10

—**Opulifolia.** (Nine Bark.) Growth upright, attaining 8 to 10 feet, although the white heavy flower umbels in June make the branches droop; old flower heads turn to dark red, and make a striking variety of colors at differing stages of maturity.

2 to 3 feet—40 cts. each; \$3.00 per 10  
3 to 4 feet—50 " " 4.00 "

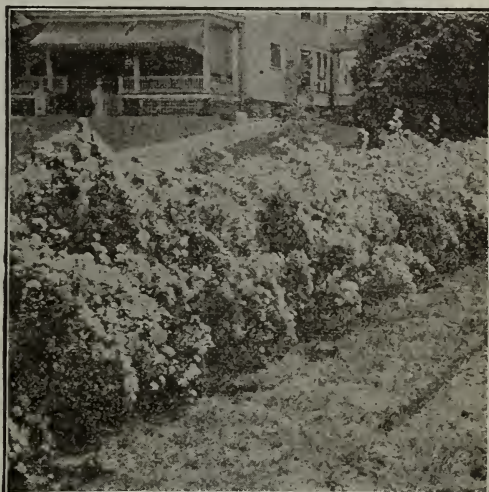
**Spirea Opulifolia Aurea.** (Golden Spirea.) Of similar habit to above, with young foliage of bright yellow changing to golden bronze in the fall.  
2 to 3 feet—50 cts. each; \$4.00 per 10  
3 to 4 feet—60 " " 5.00 "

—**Prunifolia fl. pl.** (Bridal Wreath.) Plum leaved foliage; tall growing, but will prune to any desired height. Blooms early, and is very effective with its long gracefully curving branches covered their whole length with small, double white flowers.  
2 to 3 feet—50 cts. each; \$4.00 per 10

—**Reevesiana.** Tall and graceful, with dark bluish green lanceolate foliage; and large, pure white double flowers in May and June.  
2 to 3 feet—45 cts. each; \$3.50 per 10

—**Salicifolia.** (Willow Leaved Spirea.) Grows upright to 5 feet. A charming native variety revealing still another distinct foliage type, with crowded panicles of pink flowers in mid-summer.  
2 to 3 feet—40 cts. each; \$3.00 per 10

—**Sorbifolia.** (Ash-leaf Spirea.) One of the handsomest sorts from a foliage view point, and very desirable as a lawn specimen. Blooms in mid-summer with fine panicles of purest white.  
3 to 4 feet—60 cts. each; \$5.00 per 10



Hedge of Spirea Van Houtte in Bloom



Spirea Thunbergi

**Spirea Thunbergi.** Forms a dense feathery bush, 3 to 5 feet high; the foliage, which is a peculiar but pleasing shade of yellowish green, changing in autumn to bright red and orange. Flowers pure white, borne in feathery masses in early spring.

18 to 24 in.—40 cts. each; \$3.00 per 10  
2 to 3 feet—50 " " 4.00 "

—**Tomentosa.** Grows upright 3 to 4 feet, with brown felty branches, and attractive dark green leaves densely coated on under side with yellowish or gray down. Flowers deep pink; in slender, dense spikes up to 8 inches long.  
2 to 3 feet—50 cts. each; \$4.00 per 10

—**Van Houtte.** The grandest of all the Spireas, and one of the very best of all shrubs; a complete fountain of pure white bloom in May and June.  
2 to 3 feet—35 cts.; \$2.50 per 10; \$20.00 per 100  
3 to 4 feet—40 " 3.00 " 25.00 "  
Mail size, 20 cts.; \$1.50 per 10

**STEPHANANDRA FLEXUOSA.** Branches angular, even zig-zagged, with handsome deep lobed foliage which colors to purplish red; and paniced racemes of white flowers in June.

2 to 3 feet—40 cts. each; \$3.00 per 10

**SYMPHORICARPUS.** 3 to 5 feet. Highly valued for use in densely shaded situations and for the striking beauty of their bright persistent fruits.

—**Racemosus.** (Snowberry.) Inconspicuous, rose colored flowers in June and July; followed by large clustered, milk white fruits which remain far into winter. The combination of pink flowers and white berries on the same twig is charming.

2 to 3 feet—35 cts. each; \$2.50 per 10; \$20.00 per 100  
3 to 4 feet—45 " " 3.50 " 30.00 "

Mail size, 20 cts. each.

—**Vulgaris.** (Indian Currant.) Similar to the Snowberry except that its fruits are red, and that the smaller red berries cluster in thick ropes along the weighed-down stems. Mail size, 20 cts. each.

2 to 3 feet—30 cts. each; \$2.50 per 10; \$18.00 per 100  
3 to 4 feet—35 " " 3.00 " 25.00 "



Snowberries



Flower Spray of Tamarix Hispida

**TAMARIX.** Tall growing shrubs, 8 to 12 feet high, with fine feathery foliage like that of the Juniper; small, usually pink flowers from April on. Splendid for seaside planting or other damp places.



High Bush

Cranberry



—**Africana.** Bright pink panicles; reddish bark.

—**Gallica.** Nearly white flowers; leaves bluish green.

—**Hispida Aestevalis.** Glaucous green foliage similar to Odessana, but denser. Flowers are a deeper pearl pink, in magnificent terminal panicles made up compactly of numerous dense racemes about 3 inches long. Aug.-Sept. 2 to 3 ft. 40 cts. each; \$3.00 per 10

—**Odessana.** (Caspian Tamarix.) 4 to 6 feet. Exquisitely feathered foliage of silvery green, blooming in July and August with large loose panicles of lavender-pink flowers. Dwarfier growing, more bushy and spreading than the others.

—**Tetandra Purpurea.** Extra long, wand-like sprays; foliage dull green.

**Unless noted—All Tamarix—**3 to 4 feet—35 cts. each; \$2.50 per 10. Mail size, 20 cts. each.

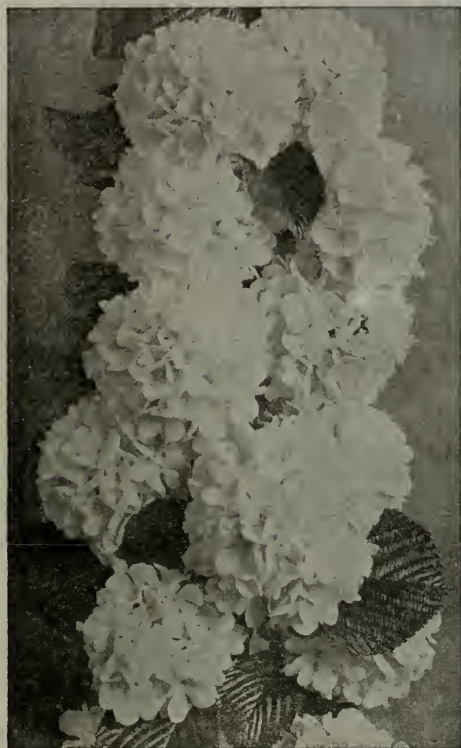
**VIBURNUM.** A showy group of shrubs ranging from 5 to 12 feet in height, blooming lavishly in Spring, and vividly brightening the Autumn aspect with gleaming fruits and richly colored foliage.

—**Cassinoides.** Broad, flat topped panicles of creamy white in early summer, followed by pink berries which change to blue. 3 to 4 ft., 75 cts. each; \$6.00 per 10

—**Dentatum.** (Arrow-wood.) 8 to 12 feet. Bright green, heart-shaped leaves turning to purple and red; May and June flowers of creamy white, in flat cymes; the fruits blue black. 2 to 3 ft. 45 cts. each; \$3.50 per 10

—**Lantana.** (Wayfaring Tree.) 10 to 15 feet. Beautiful wrinkled, Lantana-like leaves; white flowered in May and June. Fruits color unequally from crimson to black, causing a most charming combination of colors throughout the summer. 2 to 3 feet—50 cts. each; \$4.00 per 10

—**Opulus.** (High Bush Cranberry). 8 to 10 feet. Handsome, dense, brilliant green foliage; a rich setting for large bunches of crimson berries which enliven the late summer and persist on bare branches. 2 to 3 feet—40 cts. each; \$3.00 per 10 { Mail size,  
3 to 4 " 50 " " 4.00 " { 20 cts. each



Japan Snowball

**Viburnum Sterilis.** ("Snowball.") The common Snowball which helps out so bravely on Decoration Day, with its lovely white balls of bloom.

2 to 3 feet—40 cts. each; \$3.00 per 10  
3 to 4 feet—50 " " 4.00 "

—**Plicatum.** (Japan Snowball.) Erect, compact, growing 6 to 8 feet, with purple tinted corrugated foliage; a solid mass of white in June.

2 to 3 feet—60 cts. each; \$5.00 per 10  
3 to 4 feet—75 " " 6.00 "

**Weigela.** Beautiful shrubs that bloom in May, June and July. The flowers are produced in so great profusion as almost entirely to hide the foliage.

—**Abel Carriere.** Of all the hybrid Weigelas, this is one of the finest, growing to be a tall shrub in time. It blooms during May and June with great quantities of rose carmine flowers with yellow spot in the throat.

2 to 3 feet—40 cts. each; \$3.00 per 10  
3 to 4 feet—50 " " 4.00 "

—**Candida.** 4 to 6 feet; a choice variety blooming in great profusion during June and to some extent all summer. Pure white.

2 to 3 feet—45 cts. each; \$3.50 per 10  
3 to 4 feet—60 " " 5.00 "

—**Chameleon.** Very useful at Memorial Day, with its long sprays of beautiful rose colored bells.

2 to 3 feet—40 cts. each; \$3.00 per 10  
3 to 4 feet—50 " " 4.00 "

—**Desboisi.** One of the darkest and best of the rose colored sorts. 3 to 4 feet—50 cts. each; \$4.00 per 10

—**Eva Rathke.** The most distinct and one of the most attractive varieties; flowers deep carmine red. 2 to 3 feet—60 cts. each; \$5.00 per 10



Flowers of Weigela

—**Floribunda.** A June blooming variety of tall growth; bright with small but numerous flowers, cinnabar red in the bud and crimson when opened.

2 to 3 feet—45 cts. each; \$3.50 per 10  
3 to 4 feet—50 " " 4.00 "

—**Groenwegeni.** Dense bush form with a vast amount of rich bloom. Delicate color ranging from blush pink to bright rose; is extremely attractive.

3 to 4 feet—50 cts. each; \$4.00 per 10

—**Hendersoni.** One of the strongest growing varieties with large flowers of deep rose.

2 to 3 feet—40 cts. each; \$3.00 per 10  
3 to 4 feet—50 " " 4.00 "

—**Lutea.** Small, bright yellow flowers in terminal racemes during mid-summer.

2 to 3 feet—45 cts. each; \$3.50 per 10

—**Rosea.** This is one of the most popular of all the Weigelas; a tall growing; vigorous sort with deep pink flowers in the greatest profusion during June, and more sparsely at intervals throughout the summer.

2 to 3 feet—40 cts. each; \$3.00 per 10

3 to 4 feet—50 " " 4.00 "

—**Rosea Nana Variegata.** Leaves broadly margined creamy white; flowers pink. Dwarf. This variety is one of the most useful variegated leaved shrubs; and when the doubled beauty of bloom and foliage occurs, it is almost without a peer.

2 to 3 feet—45 cts. each; \$3.50 per 10

—**Van Houtte.** Flowers broad and flat, deep rosy red with orange markings in the throat.

2 to 3 feet—40 cts. each; \$3.00 per 10

3 to 4 feet—50 " " 4.00 "



A Weigela Bush in Bloom

# HARDY ORNAMENTAL CLIMBING VINES



**Ampelopsis Veitchi or "Boston Ivy"**

The hardy vines are a great boon to home-makers because the rapidity of their growth will in one season do much to overcome that appearance of "newness" so painfully evident in a newly built settlement; and long before trees and shrubs have become well established, will transform the general effect into one of homely comfort and affectionate care. They have done more to cover and conceal the unsightly evidences of man's stupidity, coarseness or neglect, and to beautify inharmonious natural environments, than any other class of things that grow.



**Trumpet Flowers**

Except noted, all two year Vines, 35 cts. each;  
\$2.50 per 10. Mail size, 20 cts.

**Akebia Quinata.** A perfectly hardy, fast growing Japan vine, with magnificent foliage, producing flowers in large clusters, of chocolate purple color, possessing a most delicious perfume; unsurpassed for covering trellises and verandas, the foliage never being attacked by insects.

**Ampelopsis Quinquefolia.** (American Ivy, Woodbine, Virginia Creeper, etc.) Deeply cut leaves which turn to a beautiful crimson in fall; fine for covering trees, rocky slopes, walls, etc. 2 year, 25 cts. each; \$2.00 per 10

— **Englemanni.** Similar to above, but with smaller, denser foliage.

— **Veitchi.** (Boston Ivy.) This is one of the finest hardy climbers we have for covering walls, as it clings firmly to the smoothest surface, covering closely with over-lapping foliage, giving the appearance of shingles. The color is a fresh deep green in summer, changing to the brightest shades of crimson and yellow in autumn.  
2 year, 40 cts. each; \$3.00 per 10; \$25.00 per 100  
Mail size, 20 cts. each; \$1.50 per 10

**Bignonia Radicans.** (Trumpet Flower.) A robust woody vine; twining tightly with numerous roots along its stems. Its orange scarlet, trumpet shaped flowers cluster at the tip of the branches. Leaves light green. Will climb to great heights on trunks of trees, and for every purpose is one of the most ornamental, both as to foliage and flowers, among vines.

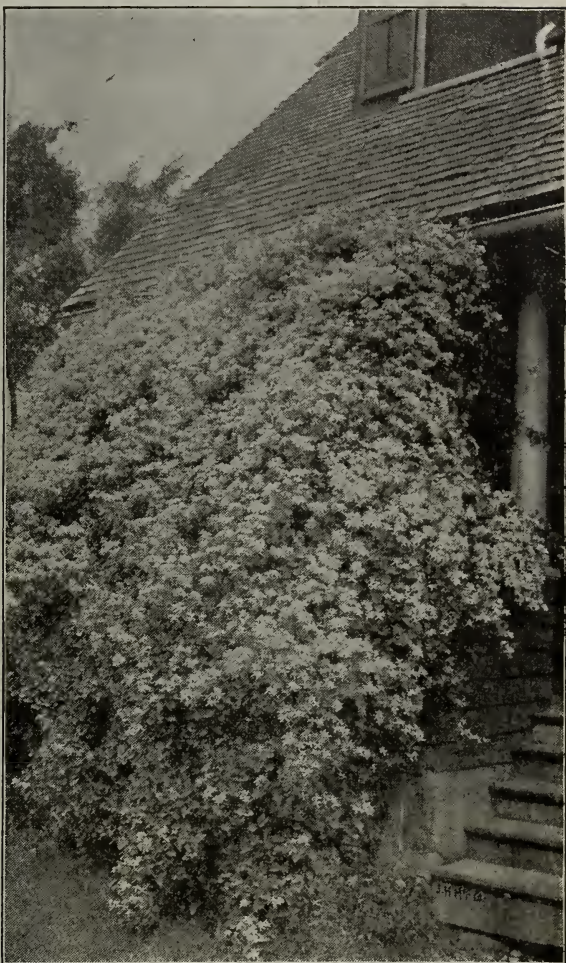


### CLIMBING ROSES

Vines are primarily expected to provide leaf covering for bare walls and other surfaces, but at certain seasons their function is splendidly increased by masses of bloom. Although separately classed and handled, the many beautiful types of HARDY CLIMBING ROSES are acquiring prominence as an auxiliary to other vines; their clustered flowers bridging the gaps of early summer, with an extravagance of brilliant colors. Consult our extensive lists on page 97.

**Celastrus Scandens.** (Bittersweet.) Handsome, glossy foliage and large clusters of beautiful, orange crimson fruits retained all winter. Its graceful sprays of berries make charming winter house decorations.

—**Articulata.** (Japanese Bittersweet.) Very vigorous, woody climber with broad, almost circular leaves. Showy panicles of small flowers and brilliant clusters of orange-red flowers. 2 year, 40 cts.; \$3.00 per 10



**Clematis Paniculata**

### CLEMATIS

In this superb family of hardy climbers, many of the varieties have flowers 5 to 7 inches in diameter. They are grand for pillars and trellises, pegged down for bedding and for running over rockwork, old trees and stumps. They delight in rich soil, and a sunny situation, and are perfectly hardy.

#### Large Flowered Varieties

- Henryi.** Creamy white.
- Jackmani.** Velvety, violet-purple.
- Mad. Ed. Andre.** Crimson-red.
- Ramona.** Deep sky blue.

2 year—50 cts. each; \$4.50 per 10. By mail, 60c each.

#### Small Flowered Varieties

- Coccinea.** A very handsome hardy climber, bearing small thick, bell-shaped flowers of bright coral-red, in wonderful profusion from June until frost.

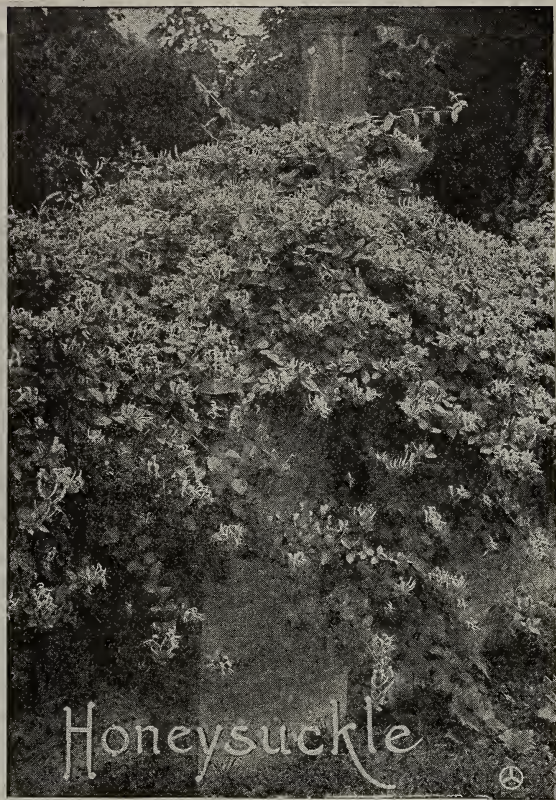
Mail size, 35 cts. each.

- Paniculata.** (Sweet-scented Japan Clematis.) The flowers are of medium size, fragrant, pure white, borne in immense sheets in September, when very few other vines are in bloom.

2 year—35 cts. each; \$2.50 per 10

Strong 3 year—50 cts. each; \$4.00 per 10

Mail size, 20 cts. each; \$1.50 per 10

**Halleana Honeysuckle**

**Evonymus Radicans.** One of the finest evergreen vines, with small, rich green foliage, and pink fruits in cells which separate and expose the scarlet arils. For covering rocky banks, rough walls, tree-trunks, etc., also for vases, baskets and borders of beds.

12 to 15 inch (bushy) 35 cts. each; \$3.00 per 10  
Mail size, 20 cts.

—**Variegata.** Foliage edged with creamy white, which takes on a pinkish tinge in winter.  
10 to 12 in.—40 cts.; \$3.00 per 10  
Mail size, 20 cts.

—**Vegetus.** Essentially a low-wall cover. For this purpose it is unsurpassed; being close-covering, absolutely hardy, glossily evergreen, and bright throughout most of winter with its persisting orange-red berries.

1 year, 30 cts.; 2 years, 45 cts.

—**Carrierei.** A low, climbing shrub with spreading branches, with short shiny leaves larger and more pointed than Radicans.

18 to 24 in.—45 cts. each; \$3.50 per 10

**Kudzu Vine.** (*Pueraria Thunbergiana.*) Large foliage and dense shade, growing 50 feet in one season. Flowers plentiful in August; rosy-purple, pea-shaped—in small racemes.

35 cts. each; \$3.00 per 10

**LONICERA.** (Honeysuckle.) Their vining qualities are all that can be desired, but the delightful fragrance of their flowers makes their strongest bid for favor. The Honeysuckle perfume is remembered and loved throughout the world.

—**Aurea Reticulata.** (Golden-leaved Honeysuckle.) Flowers yellow and fragrant.

35 cts. each; \$2.50 per 10. Mail size, 20 cts.

—**Belgica.** (Monthly Fragrant.) One of the prettiest, with numerous sprays of red and yellow. 40 cts. each; \$3.00 per 10

—**Halleana.** Color, an intermingling of white and yellow; extremely fragrant and most satisfactory. 35 cts. each; \$2.50 per 10. Mail size, 20 cts.

—**Japonica.** (Chinese Twining.) Flowers nearly white, distinct. 35 cts. each; \$2.50 per 10. Mail size, 20 cts.

—**Sempervirens.** (Scarlet Trumpet Honeysuckle.) Trumpet-shaped flowers of bright scarlet.

2 year—40 cts. each; \$3.00 per 10

**Lycium Chinense.** (Chinese Matrimony Vine.) A general utility hardy climbing vine that will overcome any obstacle to growth and flourish everywhere. Every new shoot produces handsome purple flowers and later a prodigious crop of scarlet berries nearly an inch long.

35 cts. each; \$2.50 per 10. Mail size, 20 cts. each.

**Periploca Graeca.** (Silk Vine.) A rapid-growing beautiful climber, with glossy green lanceolate foliage. Fine for arbors or trellises. Strong 2 year, 35 cts. each; \$2.50 per 10. Mail size, 20 cts. each.

**WISTARIA.** One of the handsomest subjects for use on pergolas, porches and trellises; with attractive foliage and magnificent dense, drooping clusters of pea-shaped flowers, crowning the top.

—**Sinensis.** Blue. Panicles about 12 inches long. 2-year, 50 cts.; \$4.00 per 10. 1-year, Mail size, 35 cts.

—**Alba.** White. 2-year, 60 cts.; \$5.00 per 10. 1-year, Mail size, 40 cts.

—**Magnifica.** Lavender-purple. 2-year, 35 cts., \$3.00 per 10. 1-year, Mail size, 20 cts.

**Chinese Wistaria**

# FRUIT TREE DEPARTMENT

Listed prices shall in no case apply on trees personally selected by customer.



**Stock.** We do not specialize on any one line of fruit trees, but aim to grow and offer as complete an assortment in practical, profitable, tried-and-true varieties of all kinds of fruit trees and small fruits, as can be found anywhere in the country. We devote several hundred acres to their propagation, and count them in millions.

**Filling Orders.** We are in position to fill orders for stock in this department as soon as this catalogue reaches you. If your order is accompanied by at least 25 per cent of full amount, we will at once assemble the fruit or other trees then in storage, and "set aside" under your name until the date set or weather conditions permit, for shipping. Naturally, stock not "in cellar" must await suitable digging weather.

**SUBSTITUTION.** We reserve the right, in case we are out of a variety, to substitute another of equal merit when it can be done (always labeling with correct name)—unless the party ordering says "No Substituting;" in which case we will fill order as completely as we can and refund balance of remittance.

**Shipments.** We have the largest frost-proof storage cellars in the business, which every winter harbor an immense amount of perfectly kept stock. We can load under their cover and on our private switch, car-load shipments at any time without danger of injury to stock. But less-car-load shipments must naturally wait the breaking up of severe winter. No nursery provides better materials or greater care in packing than ours. Just as early as we can safely let them go, early delivery orders are rushed out; and we work hundreds of men day and night to avoid unnecessary delay for our customers. **In choosing between Express and Mail,** take into consideration that we can send stronger stock, more securely packed and delivered in better condition by Express. However you want it sent, always give full and explicit shipping directions.

**BY MAIL.** Stock offered "Mail Size" will be delivered prepaid to your post-office. All one year old trees, vines, etc., well rooted, cut back to suitable size, guaranteed to reach you in good condition. With proper treatment are almost certain to live and do well. Those wishing to plant small lots, make small investments, to save freight or express charges on long distance shipments, to plant young thrifty stock and train according to their own requirements, will find this size admirably suited to their needs.

**Terms.** Net cash with order. No discounts allowed. In the various classes, we will furnish 5 or more of one variety and size at 10 rates; 25 or more (not less than 5 of one variety and size) at 100 rates. REMEMBER THAT WE EMPLOY NO AGENTS, and are responsible only for orders sent to us through the mail or delivered in person.

**DESCRIPTIVE CATALOGUE No. 1.** A complete new edition of one of the most comprehensive nursery catalogues published, profusely illustrated with half tone cuts made from photographs of desirable specimens, containing 112 pages, giving full description of Fruit and Ornamental Trees, Small Fruits, Grapevines, Shrubs, Roses, etc., directions for planting, etc., will be mailed on receipt of 10 cents.

**Non-Warranty.** While we hold ourselves in readiness, on proper proof, to replace free of charge all trees, etc., that may prove untrue to label, or refund the amount paid, we give no warranty expressed or implied as to description, quality, productiveness or any other matter of any Nursery stock, seeds, bulbs or plants we sell.

**Our Guarantee.** All goods are guaranteed to reach you in good condition; mistakes, if made, will be promptly rectified; examine and count on receipt and notify us at once should there be any errors or damaged stock. This guarantee not good unless above requirements are complied with. Remember a tree, shrub or plant is a living organism, as much as a cow, horse or man. It breathes, drinks and feeds and is liable to attacks of disease and insects. At prices we sell, it is impossible for us to guarantee growth or to be responsible for stock after delivery to our customers in good condition. **THE STORRS & HARRISON CO., Painesville, Ohio.**

**GRADE.** Please understand that "grade" and "class" refer to size. It would be very expensive and almost impossible to sort fruit trees to an exact height; they are therefore given a flexible grade, such as 3 to 4 feet, etc. When we list medium grade Apples as 4 to 5 feet, we are allowed one foot for variation. If you should order the maximum of five feet, the grade would change to first class, which is 5 to 7 feet, at a higher rate.

**CERTIFICATE OF INSPECTION,** issued annually by the Ohio Dept. of Agriculture, showing freedom of our stock from San Jose Scale and other injurious insects and disease, will be attached to every shipment.

**BY FREIGHT OR EXPRESS.** Every article not specially priced "Mail size" is priced for delivery by Freight or Express, packed free, but customer to pay transportation charges. All heavy trees in large amounts should be sent by freight if time is not too urgent, as the carrying charge is much less; and our perfect packing admits a long journey without injury to the trees. For shipments of medium weight, would suggest express delivery; thus avoiding by quick delivery, the suspense attending the slower freight.

**QUOTATIONS.** We will be pleased to quote prices to anyone desiring different sizes or stock in larger quantities than offered herein. In sending list, state definitely the number of each variety and size wanted.

**SPRAYING.** The best time to spray, and the best formulas to use, vary so much in different localities that we do not try to give tables and formulas in this catalogue. Bulletins can be obtained of your State Agricultural Experiment Station, that will give full information.

(Signed) **THE STORRS & HARRISON CO.**





An S. & H. Co. Peach Block. The beginning of the Rainbow; its other end (and the pot of gold) may come down on YOUR farm.

## THE ORCHARD

**A**s a practical adjunct to the family pocket book, there is no more useful farm element than a well planned, reasonably cared for orchard. After attaining bearing age, the Orchard pays bigger returns than any agricultural or garden products could yield on the same acreage. This statement is borne out by statistics.

There are few farms so small that sufficient space cannot be spared for investment in fruit trees.

During the growing and maturing process, very little of the ground is lost to profitable use; the greatest part of it being available for garden crops without prejudice to the growing trees, or detriment to the crop itself.

Even on small suburban lots, where the smoke and gases of manufacture are not too prevalent, little ingenuity is required to provide space for an assortment of fruit trees which will prove an economic resource of surprising value and a guarantee of ever-increasing personal enjoyment. To stroll out into your garden and pluck, fresh from your own fragrant trees, the ripest, the most tempting, the most luscious of the various fruits in their season, this alone is sufficient recompense to average human nature, for the trifling preliminary cost.

Many of the delightful experiences with Nature are but transitory; but the Orchard endures, and may be passed on with its fruitful blessings, to posterity.

## SPECIAL COLLECTIONS

Appreciating the fact that many of our customers who desire to plant small lots for home use are not well acquainted with the different varieties, and that we always have a surplus of good sorts on hand, we offer the following collections, our choice of varieties, all to be labeled to name and our regular high grade of stock.

ALL COLLECTIONS DELIVERED AT  
EXPRESS OFFICE HERE

**COLLECTION F** { 1 Summer, 1 Fall, 3 Winter Apples.  
1 Summer, 1 Fall Dwarf Pear.  
1 Sweet, 1 Sour Cherry.  
1 Quince. 2 Peach. 1 Plum.  
All 1st size stock for \$4.50, or medium size for \$3.50.

**COLLECTION G** { 1 Summer, 2 Fall, 5 Winter Apples.  
1 Summer, 1 Fall, 1 Winter Standard Pears.  
1 Sweet, 2 Sour Cherries.  
1 Quince. 2 Plums. 5 Peach.  
All 1st size stock for \$8.25, or medium size for \$6.75.

**COLLECTION H** This collection is designed to meet the requirements of the many owners of small lots who desire a mixed assortment of fruit and ornamentals.

2 Apple. 1 Cherry.  
1 Dwarf Pear. 1 Plum.  
2 Spirea Van Houtte.  
1 Philadelphus (Mock Orange).  
2 Clematis Paniculata.  
2 Peach. 6 Currants.  
3 Gooseberries. 1 Forsythia.  
12 Raspberries. 2 Barberry.  
2 Grapevines. 1 Hydrangea P. G.

1st size stock for \$6.00.  
Medium size stock for \$4.50.

A cross (X) following description of any Fruit Tree indicates it is not offered by mail.

# APPLES

Apple varieties preceded by a star (\*) are the Russian and hardier kinds.  
Set Apple trees 30 to 40 feet apart.

| PRICE OF APPLES.                     |       |        |         |
|--------------------------------------|-------|--------|---------|
|                                      | Each  | Per 10 | Per 100 |
| <b>Standard Sorts</b> —5 to 7 feet.. | \$.50 | \$4.50 | \$40.00 |
| 4 to 5 feet..                        | .40   | 3.50   | 30.00   |
| 3 to 4 feet..                        | .30   | 2.50   | 20.00   |

**Special**—Alexander, Baxter, Beitigheimer, Delicious, Fameuse, Jonathan, McIntosh, Newtown Pippin, Opalescent, Smokehouse, Spitzenburg, Yellow Bellflower, and Yellow Transparent.

|                                     |     |      |       |
|-------------------------------------|-----|------|-------|
| 5 to 7 feet.....                    | .60 | 5.00 | 45.00 |
| 4 to 5 feet.....                    | .50 | 4.00 | 35.00 |
| <b>Crab Apples</b> —5 to 7 feet.... | .60 | 5.00 | ..... |
| " " 4 to 5 feet....                 | .50 | 4.00 | ..... |

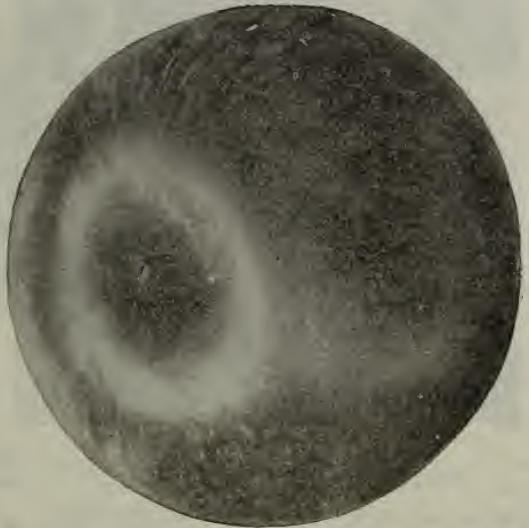
Above by mail, except noted, 30 cts. each, 4 for \$1.00.

## Dwarf Apples (X)—

|                 |     |      |       |
|-----------------|-----|------|-------|
| First size..... | .50 | 4.00 | 35.00 |
| Medium size..   | .40 | 3.50 | 30.00 |



Yellow Transparent



Duchesse of Oldenburg

**Munson Sweet.** Good size, yellow, red cheek.

**Rambo.** Medium, yellow, streaked red.

**Western Beauty.** Large, shaded bright red on pale yellow; crisp, tender, mild, sub-acid.

## WINTER APPLES

**Arkansas Black.** Large, deep red.

**Baldwin.** Large, bright red, crisp, juicy, rich.

**Banana.** Fine, vigorous grower, large healthy foliage, early bearer. Fruit medium to large, smooth and handsome, golden yellow usually shaded bright crimson; flesh fine grained, rich, sub-acid, aromatic, highest quality. One of the best dessert apples.

**Baxter.** A strong, vigorous grower, immensely productive, very hardy. Fruit uniformly large, handsome, showy red, mild acid, fine quality.

**Ben Davis.** Large, handsome, striped.

**Boiken.** Annual bearer, perfect foliage, vigorous grower. Fair size, yellow, tart acid, long keeper at its best in spring when it is unexcelled for cooking

## SUMMER APPLES

**Bough.** Large, pale yellow; tender, sweet.

**Early Harvest.** Medium, pale yellow, tender, juicy.

**Golden Sweet.** Large, pale yellow, very sweet.

**\*Red Astrachan.** Large, beautiful deep crimson.

**\*Tetofsky.** Medium, yellow, striped red, acid.

**\*Yellow Transparent.** Earliest and best; white, tender, juicy, sprightly, sub-acid.

## AUTUMN APPLES

**\*Alexander.** (Emperor Alexander, Russian Emperor, etc.) A large, beautiful red apple. (X)

**\*Beitigheimer.** Very large, yellow, heavily shaded red; flesh white, juicy.

**\*Duchesse of Oldenburg.** Good size, yellow, streaked red, juicy, rich, sub-acid, productive.

**Fall Pippin.** Large, yellow, rich, aromatic.

**Gravenstein.** Large, striped, fine quality, one of the best fall sorts.

**Late Strawberry.** Tender, juicy, productive.

**Maiden Blush.** Large, beautiful, blush cheek.



Grimes (See page 140)



Jonathan

Stayman  
(See page 141)

## WINTER APPLES (Continued)

✓ **Boskoop.** Large yellow, shaded red, crisp, tender; juicy.

✓ **Delicious.** A remarkable variety rapidly taking first rank both for commercial and home orchards. Fruit large, nearly covered with brilliant dark red, flesh fine grained, crisp and melting, juicy, with a delightful aroma; of very highest quality. A splendid shipper. Tree one of the hardest, a vigorous grower, with good foliage. A regular annual bearer.

✓ **Dominie.** (Winter Rambo.) Large, greenish yellow, striped red; flesh white, tender and juicy. (X)

✓ **Fallawater.** Large, yellowish green, productive.

✓ **\*Fameuse.** (Snow.) Medium, deep crimson, flesh white, of best quality.

✓ **\*Gano.** An improved Ben Davis, nearly covered with deep, dark red.

✓ **\*Gideon.** Vigorous, early and prolific bearer. Medium golden yellow; fine, juicy, sub-acid.

✓ **Golden Russet.** Medium, dull russet, crisp, juicy.

✓ **\*Greenville.** Seedling of Maiden Blush, which it resembles, but is a winter variety.

✓ **\*Grimes.** Good size, yellow, of highest quality.

✓ **Hubbardston.** Large, red, striped, tender, juicy.

✓ **Jonathan.** Medium red, extra quality.

✓ **\*McIntosh.** Medium, deep crimson, highest quality, juicy, sub-acid.

✓ **Newtown Pippin.** Large, yellow or green, highest quality for dessert and excellent for culinary use. (X)

✓ **Northern Spy.** Large, striped, mild sub-acid and tender, with a rich, delicious flavor.

✓ **\*Northwestern.** (Greening.) Hardy, yellow; rich, of good size, extra long keeper.

✓ **\*Ontario.** Large, yellow, nearly covered with bright red, juicy, sub-acid.

✓ **Opalescent.** Probably the handsomest apple ever put on the market. Color light, shading to very dark crimson; skin smooth, susceptible of a very high polish reflecting objects like a mirror; flesh yellowish, tender, juicy and good. Dec. to March. Mail size, 35 cts., 3 for \$1.00.

✓ **Paragon.** (Mammoth Black Twig.) Large, dark red, hardy and productive, vigorous grower.

✓ **Rhode Island Greening.** Large, greenish yellow, tender, juicy, rich, acid. The old reliable winter cooking apple, and also good for dessert.

✓ **Rome Beauty.** Large, yellow, shaded red; tender, juicy, sub-acid. A leader in Ohio River district.

✓ **Rox Russett.** Medium, good quality, an excellent keeper. (X)



Northern Spy



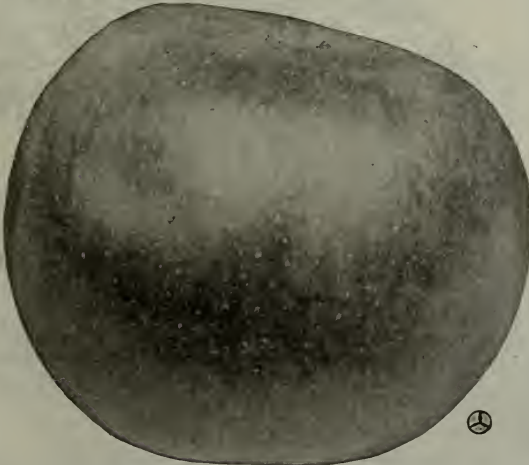
Rome Beauty



Wagener

## WINTER APPLES (Continued)

- ✓ **Smokehouse.** Large, red, good quality. (X)
- ✓ **Spitzenburg.** The standard of excellence for apple of the Baldwin class. Large, rich, yellow covered with bright red. (X)
- ✓ **Stark.** Large, striped light and red, juicy, mild, sub-acid. An early and abundant bearer.
- ✓ **Stayman Winesap.** Larger and more prolific than Winesap. One of the finest grown for appearance, flavor and juiciness; a favorite for cider.
- ✓ **Sutton.** Handsome, yellow, striped crimson, flesh tender, juicy, sub-acid, good quality, keeps well.
- ✓ **Tolman.** Medium, yellow and red, rich. Sw et. The most valuable apple for baking, and fine for other culinary purposes.
- ✓ **Tompkins King.** Unusually large, red and striped, exceedingly productive.
- ✓ **Twenty Ounce.** Very large, yellow, striped red. (X)
- ✓ **Wagener.** Good size, deep red in the sun; flesh firm, sub-acid, excellent. One of the earliest bearers and an all-round good apple.
- ✓ **\*Wealthy.** Few varieties that are at once so hardy and so productive yield fruit of such good quality, —white-fleshed, juicy and vinous. It is a hand-



Wealthy

some fruit of medium size, smooth, round and deep red. Its handsome appearance and fine quality insure it ready sale in market. October to January.

**Winesap.** Medium, deep red; firm, crisp, rich, sub-acid. Widely cultivated.

**Winter Paradise.** Large; creamy, rosy cheeked, sweet.

**\*Wolf River.** Large, handsome; yellow, shaded and striped red, juicy, pleasant spicy flavor.

**York Imperial.** (Johnson's Fine Winter.) Medium to large; yellow, shaded red; firm, juicy, sub-acid. An excellent shipping apple.

**Yellow Bellflower.** Large, pale yellow, tender, fine grained, crisp, juicy, sub-acid. (X)

## CRAB APPLES

For preserving, jellies and ornament. All are unequalled for cider or vinegar. The trees are noted for their hardiness and vigor and usually bear the second season after planting.

✓ **Hyslop.** Large; deep crimson; one of the most beautiful; very popular. Oct. to Jan.

✓ **Martha.** Beautiful, glossy yellow, shaded bright red, good size, mild, clear, tart. Oct.

**Transcendent.** Immensely productive, bright red, one of the most popular. Sept. and Oct. (X)

**Whitney.** One of the largest, glossy green, splashed carmine, firm, juicy, pleasant, great bearer; excellent for cider. August.

**Yellow Siberian.** Large, beautiful, golden yellow. Sept. and Oct.

## DWARF APPLES (X)

Set trees 8 to 10 feet apart



Dwarf Delicious

Very productive, usually commence bearing the second year after planting. Excellently adapted to yard and small gardens. Can furnish: Baldwin, Banana, Delicious, Duchesse, Grimes, King, Maiden Blush, No. Spy, Rambo, Red Astrachan, Wealthy and ✓ Yellow Transparent—only.

Too heavy to mail, must be sent by Express or Freight. First size, 50 cts. each; \$4.00 per 10; \$35.00 per 100. Medium size, 40 cts. each; \$3.50 per 10; \$30.00 per 100.



## PEARS

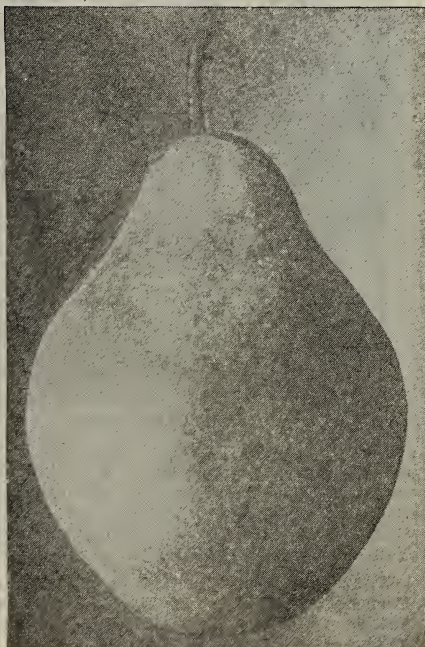
The pear tree will grow on almost any good soil but thrives best in a rather heavy clay or loam. Standards planted 18 to 20 feet apart, are best for permanent orchards; dwarfs at 10 feet intervals, for fruit gardens or small lots. Dwarfs must be planted deep enough to cover the junction of pear and quince 2 or 3 inches. Our pear trees are grown on heavy clay soil, especially well adapted to the production of strong, vigorous stock. No better trees can be grown.

All can be supplied as **standards**, and all varieties starred (\*) can also be supplied as **dwarf**.

**PRICE OF PEARS.**

|                                      | Each  | Per 10 | Per 100 |
|--------------------------------------|-------|--------|---------|
| <b>Standard—</b>                     |       |        |         |
| General List, 5 to 7 feet ....       | \$.60 | \$5.00 | \$45.00 |
| 4 to 5 feet.....                     | .50   | 4.00   | 35.00   |
| 3 to 4 feet.....                     | .40   | 3.00   | 25.00   |
| Worden, 5 to 6 feet.....             | .75   | 6.00   | .....   |
| 4 to 5 feet.....                     | .60   | 5.00   | .....   |
| Beurre Bosc, 1 year.....             | .75   | 6.00   | .....   |
| <b>Dwarf Pears, 4 to 5 feet.....</b> | .50   | 4.00   | 35.00   |
| 3 to 4 feet.....                     | .40   | 3.00   | 25.00   |

**Mail size, Standard and Dwarf, unless noted, 40 cts. each; 3 for \$1.00.**



Bartlett



Clapp

### SUMMER

\***Bartlett.** Large, buttery, juicy, high-flavored, great bearer. This sort has long been considered one of the choicest canning varieties, as well as a favorite for all other uses. Aug. and Sept.

\***Clapp.** Very large, yellow and dull red, with russet specks, melting, rich. August.

**Doyenne d'Ete.** A beautiful small pear, of delicious flavor, hardy and productive. Early Aug.

**Early Harvest.** Good size and color, fair quality. The best early variety in the south. July.

\***Koonce.** Medium, yellow with carmine cheek. A profitable early market variety. July.

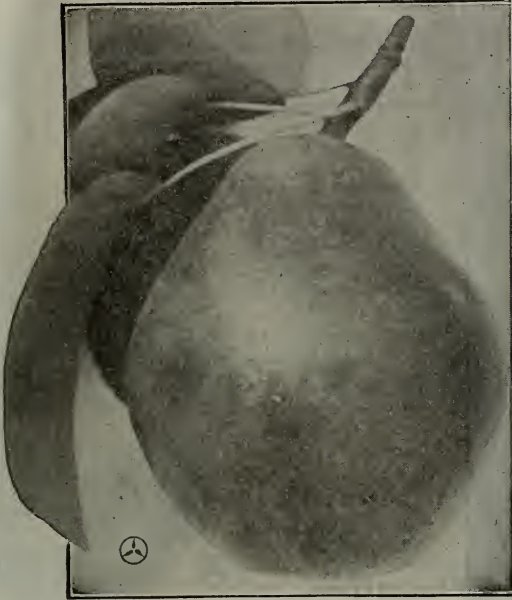
\***Tyson.** Medium, melting, juicy, good. Aug.



\***Wilder.** Small to medium, yellow, shaded carmine, fine grained, tender, sub-acid. Vigorous grower, early and annual bearer, very productive, good quality. Early Aug.

### AUTUMN

\***Anjou.** Large, buttery, melting, rich, vinous. The best late fall and early winter variety. Oct. to Jan.



Flemish

## AUTUMN PEARS (Continued)

**Clairgeau.** Its large size, early bearing, productiveness and great beauty make this one of the most valuable market sorts. Oct. and Nov.

\***Columbia.** A cross between Bartlett and Seckel, combining the best qualities of each. Tree vigorous, hardy and productive. Fruit good sized, rich quality, high color, handsome and good. Sept. and Oct.

\***Duchesse** (of Angouleme). Very large, buttery, rich, juicy, excellent. It succeeds to perfection and is the most popular market variety as a dwarf. Oct. and Nov.

✓ **Flemish.** Large, juicy, rich; one of the hardiest and most popular. Sept. and Oct.

✓ **Garber.** One of the Japan Hybrids; earlier and larger than Kieffer; hardy, productive, early bearer. Sept. and Oct.

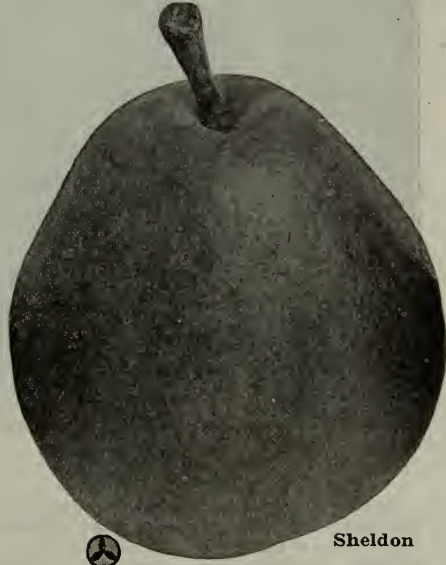
✓ **Howell.** Large, yellow, with red cheek, rich, sweet, melting, early bearer, productive. Sept. and Oct.

\***Kieffer.** Its large size, handsome appearance, and remarkable keeping and shipping qualities make it very profitable for market. Oct. and Nov.

✓ **\*Louise.** (Louise Bonne de Jersey.) Good size, greenish yellow, with a bright red cheek. Sept. and Oct.

✓ **\*Rossney.** Ripens about two weeks after Bartlett, averaging larger; creamy skin with crimson blush; flesh melting, juicy, sweet and tender, of superior flavor. A vigorous grower, and very productive.

✓ **\*Seckel.** Small; skin rich yellowish brown, when fully ripe, with deep brownish red cheek; flesh very fine grained, sweet, exceedingly juicy, melting, buttery; one of the richest and highest flavored pears. Equally popular for dessert and pickling. Sept.-Oct.



Sheldon

**Sheldon.** Medium size; yellow, with a richly shaded cheek; flesh a little coarse, melting, juicy, with a very brisk, vinous, highly perfumed flavor; of first quality. Tree vigorous, hardy and productive. Oct.

\***Vermont Beauty.** Tree hardy and vigorous, and abundant bearer. Fruit medium yellow with red cheek; rich, juicy, best quality. Oct.

\***Worden.** A seedling of the Seckel. Equal in quality to its famous parent, which it much resembles in flavor, while in size, color, form and appearance it is decidedly superior. Hardy and an enormous bearer; fruit keeps well; retaining its quality to the last. Oct. Mail size, 45 cts.; 3 for \$1.15.

## WINTER PEARS

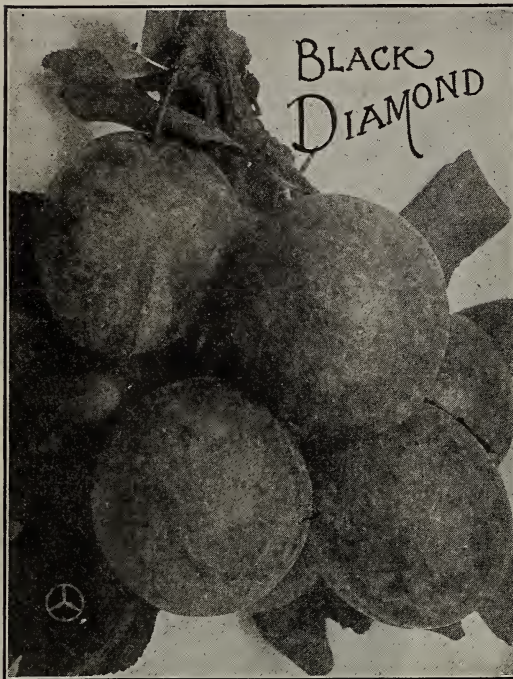
✓ **Bosc.** Finest quality late fall and winter variety. Extra large, long and tapering; russet; good shipper, brings highest market price. A vigorous grower in the orchard. Our trees are all from virile new stock. Nov.-Dec. Mail size 60 cts.; 3 for \$1.50.

✓ **\*Drouard.** Large, melting, juicy, delicate perfume. Tree hardy and vigorous. Feb. to March.

✓ **\*Easter.** Large, yellow with red cheek; fine quality. Dec. to Feb.

✓ **\*Lawrence.** Medium, yellow with brown dots, melting, pleasant, aromatic. Nov. and Dec.





## PLUMS

Annual sprayings with Bordeaux mixture keep away the leaf blight and fungus, and the thinning of too heavy crops of fruit prevents fruit rot. The market for plums is never over stocked, and they invariably bring good profitable returns. Set trees 16 to 20 feet apart.

| PRICE OF PLUMS.                   |                      | Each  | Per 10 | Per 100 |
|-----------------------------------|----------------------|-------|--------|---------|
| European, 5 to 7 feet.....        |                      | \$.60 | \$5.00 | \$45.00 |
|                                   | 4 to 5 feet.....     | .50   | 4.00   | 35.00   |
|                                   | 3 to 4 feet.....     | .40   | 3.00   | 25.00   |
| Japan, 5 to 7 feet.....           |                      | .75   | 6.00   | .....   |
|                                   | Wickson, 1 year..... | .50   | 4.00   | 30.00   |
| Native, 5 to 7 feet.....          |                      | .75   | 6.00   | .....   |
|                                   | 4 to 5 feet.....     | .60   | 5.00   | .....   |
| Prunus, Pissardi, 4 to 5 feet.... |                      | .60   | 5.00   | .....   |
|                                   | 3 to 4 feet....      | .45   | 3.50   | .....   |
| " Othello, 5 to 6 feet....        |                      | .75   | 6.00   | .....   |
|                                   | 4 to 5 feet....      | .60   | 5.00   | .....   |

Mail size, unless noted, 40 cts.; 3 for \$1.00.

### EUROPEAN PLUMS



**Archduke**

**Bavay.** (Green Gage.) ("Reine Claude.") Very large, greenish, fine flavor. Sept.

**Bradshaw.** Large dark red, flesh green, juicy, productive, fine for market. Aug.

**Archduke.** Large, black, prolific, valuable addition to late varieties for home use or market. Early Oct.

**Arctic.** ("Moore's Arctic.") Small, purplish-black, juicy, sweet, immense bearer; one of the hardiest in bud and bloom. Sept.

**Diamond.** Large magnificent plum, one of the most attractive. Enormous size, dark purple with beautiful bloom. Tree vigorous, productive and hardy. Sept.

**German Prune.** Large, dark purple, sweet, good. One of the most desirable and popular for canning. Sept.

**Grand Duke.** Color of Bradshaw; fruit very large, of fine quality, free from rot; very productive. Tree moderate grower. Last Sept.

**Gueii.** Large bluish purple, flesh yellowish green, rather coarse; sweet, pleasant. One of the best market varieties. Sept.

**Imperial Gage.** Large pale green, juicy, sweet, rich and excellent. Aug.

**Italian Prune.** Good size, purple, juicy, delicious, fine for drying. Sept.

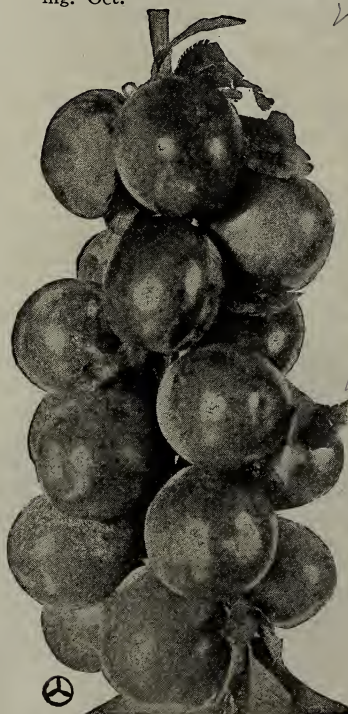
**Lombard.** Medium, violet red, juicy, good, hardy and productive, the leading market variety. Aug.

**Monarch.** Tree robust, dense foliage, and abundant bearer. Fruit very large, roundish, oval, dark purplish blue, perfect freestone. Follows Grand Duke in ripening. Oct.

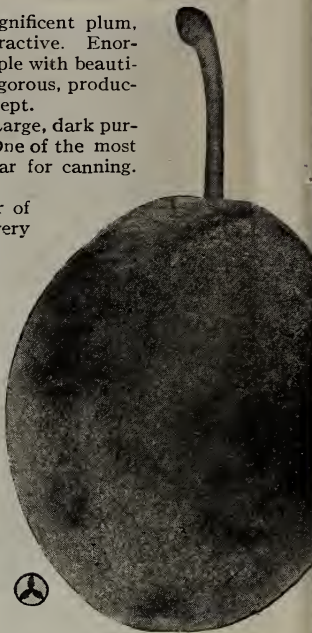
### Two Plums with Purple Leaves

**Othello.** Tree is an upright grower, and a prolific bearer; fruit deep crimson, about one inch in diameter, ripening before the very earliest of ordinary plums. The foliage is of the most brilliant reddish purple, and holds its color throughout the season.

**Prunus Pissardi or Purple Leaved Plum.** A small sized tree with very rich purple leaves, carrying their color through the season. One of the most desirable purple leaved trees or shrubs for ornamental planting. See "Prunus Triloba" under Shrubs on page 128.



**A Branch with 21 Lombards**



**Grand Duke**



### EUROPEAN PLUMS (Continued)

- Peters.** Large, oval, bright yellow; rich, juicy, fine quality. A good grower. Sept.
- Pond.** A magnificent plum, red changing to violet, one of the most attractive. Sept.
- Pride.** ("Shipper's Pride.") Large, dark purple, very showy, often measuring 2 inches in diameter; fine, juicy and sweet. Sept.
- Shropshire.** Medium, dark purple, very productive; best for preserving. Oct.
- Yellow Egg.** Very large, egg-shaped, productive, excellent for cooking. Aug.



### JAPAN or ORIENTAL PLUMS

The Japanese Plums and their Hybrids are strong growing ornamental trees with light green foliage and attractive bloom, wonderfully productive and usually commence bearing the second or third year after planting. Fruit of nearly all varieties are large, fine quality, with firm meaty flesh. They bloom very early; not adapted to sections subject to late spring frosts.

- Abundance.** (Botan.) One of the oldest and best known Japanese varieties; hardy, productive. Fruit large, lemon yellow, with heavy bloom; good quality. Aug.
- Burbank.** Most profitable among growers for market; ripens 10 to 14 days after Abundance. Tree hardy, sprawling vigorous grower, unequalled in productiveness; bears young. Fruit large, excellent quality; cherry red, with lilac bloom. Aug.

**Chabot.** Medium to large; cherry red, flesh yellow, sweet, of excellent quality; very prolific; one of the best of Japan Plums. Early Sept.

**Climax.** Fruit large as an ordinary peach, deep dark red; skin firm; flesh yellow, sweet, rich, fruity, of fine quality.

**Maynard.** Sturdy, strong and very rapid grower, with heavy luxuriant foliage. Fruit is very large, nearly round, color deep, dull red, thin whitish bloom. Flesh firm, melting and juicy, rich and sweet, extra fine quality. Its shipping qualities are unsurpassed. Follows Climax in ripening.

**October Purple.** Strong, vigorous grower, said to be one of the hardiest of the Japan varieties. Productive, of good quality, a large, round, late purple plum, especially recommended for late market.

**Red June.** One of the vigorous, upright growers; productive; fair size, vermilion red; pleasant quality. Ripens a week before Abundance. Aug.

**Santa Rosa.** Tree a strong, vigorous upright grower. Fruit uniformly large, deep purplish crimson with blue bloom; flesh purple shaded scarlet; pit small; the eating quality is unequaled, rich, fragrant, delicious; ripens with the earlies.

**Satsuma.** (Blood.) Large, globular, with sharp point. Color, purple and red with blue bloom, flesh firm, juicy, dark red or blood color, fine quality; pit very small. Hardy and vigorous grower. Aug.

**Wickson.** Fruit remarkably handsome, very large, long heart-shaped, color deep maroon red covered with white bloom; flesh firm and meaty, yellow, rich and aromatic; cling; pit small. Tree an upright vigorous grower. Excellent keeper and shipper, planted largely for market. Early Sept.

### IMPROVED NATIVE PLUMS (X)

In many sections the only class of plums that are hardy and productive.

**No mail size in native varieties.** (X)

**Forest Garden.** Large, nearly round, purplish red, quality good. Tree vigorous and productive. A favorite variety for both home and market.

**Pottawattamie.** A strong, vigorous grower, hardy and an immense bearer; fruit large, yellow ground overspread with pink and white dots. Aug.

**Robinson.** One of the most profitable market varieties. Very vigorous and productive. Skin yellow, nearly covered with light red, showy, ripens early.

**Weaver.** Large, purple, blue bloom, very prolific, constant and regular bearer, good quality. Tree very hardy. Aug.

**Wild Goose.** Fruit medium, red with blue bloom, flesh juicy and sweet. July.

**Wyant.** Popular native sort; large purplish-red, good quality.

### NECTARINES

The Nectarine has a smooth skin like the plum, and requires the same treatment for curculio. It is like the peach in other ways and requires the same culture.

The following varieties are two of the best. Set trees 16 to 18 feet apart.

| PRICE OF NECTARINES.              | Each  | Per 10 |
|-----------------------------------|-------|--------|
| 3 to 4 feet.....                  | \$.50 | \$4.00 |
| 2 to 3 feet.....                  | .40   | 3.50   |
| Mail size, 40 cts.; 3 for \$1.00. |       |        |

**Early Violet.** Medium size; yellowish green with a purple cheek; flesh pale green, melting, rich, and high flavored; freestone. Last of August.

**Elruge.** Medium size; greenish yellow, with a dark red cheek; flesh greenish white, juicy, and high flavored; excellent. Beginning of Sept.



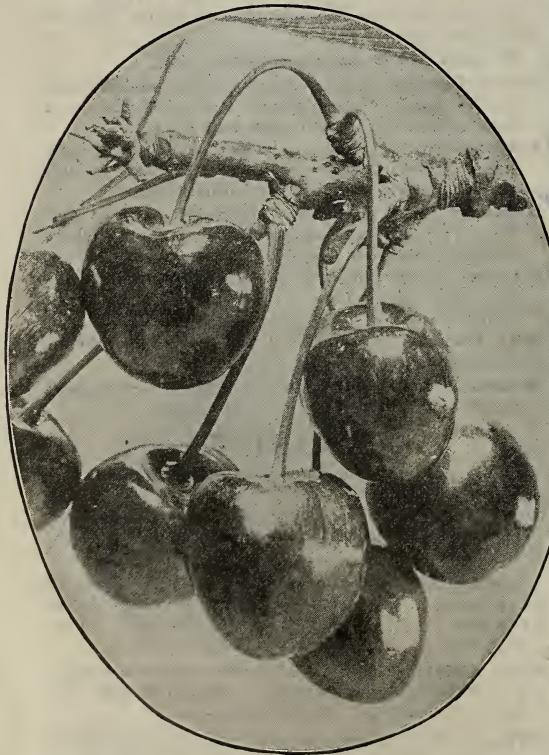
May Duke

## CHERRIES

The trees are naturally hardy, succeeding best on sandy or gravelly loam, well drained. Avoid low or wet ground. **Sweet** varieties grow more rapidly and make larger pyramidal trees. Set trees 18 to 20 feet apart. The **Sour** varieties are dwarf and bushy, bear earlier, and are more largely planted. Set trees 15 to 18 feet apart.

| PRICE OF CHERRIES.          |  | Each  | Per 10 | Per 100 |
|-----------------------------|--|-------|--------|---------|
| Sweet, 5 to 7 feet.....     |  | \$.65 | \$6.00 | \$50.00 |
| " 4 to 5 feet.....          |  | .50   | 4.00   | 35.00   |
| Sour, 11-16 in. and up..... |  | .60   | 5.00   | 45.00   |
| " 5-8 to 11-16 in.....      |  | .50   | 4.00   | 35.00   |
| " 1-2 to 5-8 in.....        |  | .30   | 2.50   | 20.00   |

Mail size, 40 cts. each; 3 for \$1.00.



Black Tartarian



Napoleon

### SWEET CHERRIES

**Bing.** Very large, dark brown—almost black; flesh firm, sweet, rich and delicious. One of the most profitable sorts. July.

**Black Tartarian.** Very large, black, juicy, rich. Last of June.

**Eagle.** Large, tender, juicy, rich, red-black. July.

**Elton.** Large, pale yellow, fine flavored. June.

**Gov. Wood.** Large, light red, juicy, rich, delicious. Tree healthy and productive. June.

**Lambert.** Almost jet black when fully ripe. Flesh firm, solid, rich and juicy, with sprightly flavor. Tree rugged, strong grower, hardy, enormous bearer. Late July.

**Napoleon.** Large, pale yellow or red; firm, juicy, sweet and productive. July.

**Rockport.** Large, pale amber, light red in sun, sweet, good. Tree erect; beautiful. June.

**Schmidt.** Immense size, deep black, flesh dark, tender, very juicy, fine flavor; productive. July

**Windsor.** Fruit large, liver-colored, distinct, flesh remarkably firm and of fine quality. Tree hardy and prolific. A valuable late variety. July.

**Yellow Spanish.** Large, yellow and red. June.

### SOUR CHERRIES

**Baldwin.** Large, round, slightly sub-acid, sweetest and richest of the Morello type. June.

**Dyehouse.** A very early and sure bearer; ripens a week before Early Richmond. June.

**Early Richmond.** Medium, dark red, melting, juicy, sprightly, rich acid, best. June.

**English Morello.** Fair size, blackish red, rich acid, juicy, good. August.

**Hortense.** (Reine Hortense.) Large, bright red, juicy; mildest and sweetest in this class. July.

**Large Montmorency.** Large, red, productive, ten days later than Early Richmond. Late June.

**Late Duke.** Large, light red. July.

**Louis Phillipe.** Large, dark red, almost black, sprightly, mild acid; stone small. July.

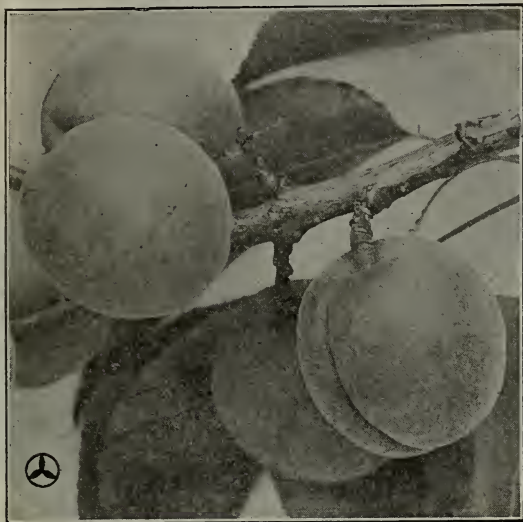
**May Duke.** Large, red, juicy, rich. June. Not so sour as some varieties, and very pleasant for sensitive teeth.

**Montmorency Ordinaire.** Large, red, acid, exceedingly productive. Late June.

**Ostheimer.** A perfectly hardy, late blooming, immensely productive variety. Large, heart-shaped, nearly black when ripe; juicy and rich. Aug.

**Wragg.** Very hardy, vigorous and productive, medium, dark purple, fine quality. Aug.

## APRICOTS



Ripening as they do between Cherries and Peaches, the Apricot is a most welcome fruit, both tempting and delicious. The trees, as hardy as those of the Peach, should be planted on a northern or western exposure to prevent early blooming. They need the same treatment for curculio as the Plum. Set trees 16 to 18 feet apart.

| PRICE OF APRICOTS. | Each   | Per 10  |
|--------------------|--------|---------|
| 4 to 5 feet.....   | \$ .60 | \$ 5.00 |
| 3 to 4 feet.....   | .50    | 4.00    |

Mail size, 40 cts.; 3 for \$1.00.

### EUROPEAN VARIETIES

- Early Golden.** Small, pale orange, juicy and sweet.
- Montgamet.** Fruit large, round, early, deep yellow with a fine blush; flesh yellow, firm, juicy and excellent. Tree hardy, a good grower.
- Moorpark.** Yellow, with red cheek, juicy, sweet and rich, freestone, very productive.
- Royal.** Large, yellow, juicy, rich and delicious; a very fine variety.

### RUSSIAN VARIETIES

These are quite distinct from the European varieties, hardier and will produce fruit when other apricots fail. Recommended where peaches cannot be grown. They are all early bearers and productive.

**Alexander, Alexis and Budd.**

- Superb.** A hardy seedling from Kansas. The best flavored, most productive hardy apricot yet produced. Medium size, light salmon color.

## QUINCES

The Quince crop is usually reliable and not often destroyed by capricious weather variations. The trees grow well in any good soil, but prefer a deep moist loam. They are easy to prune and spray, and need but little attention. In almost all local markets they find a ready sale for preserves, jellies and canning, for which we have no finer fruit. The fruits of all varieties are quite fragrant, and the trees and bloom highly ornamental.

Set trees 10 to 12 feet apart.

| PRICE OF QUINCES.                  | Each   | Per 10  |
|------------------------------------|--------|---------|
| Orange and Champion 4 to 5 feet... | \$ .60 | \$ 5.00 |
| " " 3 to 4 feet...                 | .50    | 4.00    |
| Meech and Rea, 3 to 4 feet.....    | .60    | 5.00    |

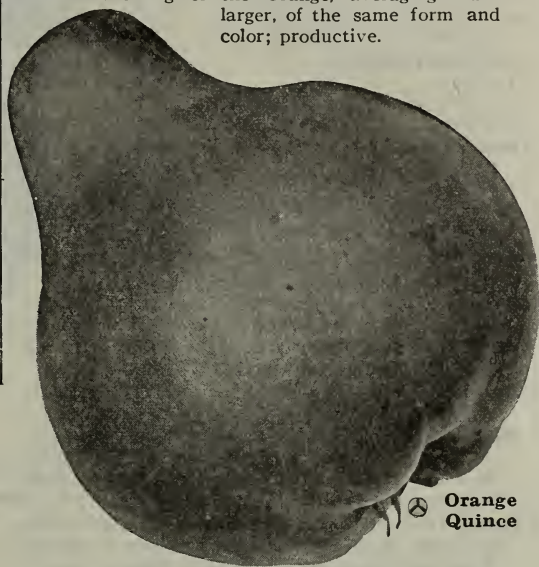
Mail size, 40 cts.; 3 for \$1.00.

**Champion.** A prolific, constant and early bearer, oval fruit averaging larger than the Orange, quality equally fine, and a long keeper; ripens late.

**Meech.** A vigorous grower and immensely productive. The fruit is large, lively orange yellow, of great beauty and delightful fragrance; its cooking qualities are unsurpassed.

**Orange.** Fruit large, bright yellow, of excellent flavor.

**Rea.** A seedling of the Orange, averaging much larger, of the same form and color; productive.



Orange  
Quince

## MULBERRIES

| PRICE OF MULBERRIES.               | Each  | Per 10 | Per 100 |
|------------------------------------|-------|--------|---------|
| New American and Downing,          |       |        |         |
| 5 to 6 feet.....                   | \$.85 | .....  | .....   |
| 4 to 5 feet.....                   | .75   | .....  | .....   |
| Russian and White, 4 to 6 feet.... | .40   | \$3.00 | .....   |
| " " " 3 to 4 feet....              | .30   | 2.00   | .....   |
| " " " 2 to 3 feet....              | .20   | 1.50   | .....   |

**Downing.** Very large, black, handsome, sweet, rich, and excellent. Mail size, 40 cts.; 3 for \$1.00.

**New American.** Equal to Downing in all respects, and a much hardier tree. Vigorous grower, very productive; the best variety for fruit; ripe from middle June to September. Mail size, 40 cts.; 3 for \$1.00.

**Russian.** Very hardy, vigorous grower; valuable for feeding silk worms, etc. Fruit of small size, varies in color from white to black. (X)

**White.** (Morus Alba.) The common variety. Valued for feeding silk worms. (X)



# PEACHES

Trees are all grown from Tennessee natural pits, free from insects, perfectly healthy, well ripened wood, with splendid roots, all stored in frost-proof cellars beyond injury during the winter.

We will be pleased to quote prices on large lots on receipt of list. Those desiring trees for large orchard planting should place orders early.

Set trees 16 to 18 feet apart.

| PRICE OF PEACHES. | Each  | Per 10 | Per 100 |
|-------------------|-------|--------|---------|
| 4 to 5 feet.....  | \$.35 | \$3.00 | \$25.00 |
| 3 to 4 feet.....  | .30   | 2.50   | 20.00   |
| 2 to 3 feet.....  | .20   | 1.50   | 12.00   |

## Hale, Rochester and Wilma—

|                    |     |      |       |
|--------------------|-----|------|-------|
| " 4 to 5 feet..... | .40 | 3.50 | 30.00 |
| " 3 to 4 feet..... | .35 | 3.00 | 25.00 |
| " 2 to 3 feet..... | .25 | 2.00 | 15.00 |

Mail size, except noted, 20 cts.; 6 for \$1.00.

✓ **Alexander.** Medium, greenish white, nearly covered with rich red; melting, juicy, sweet. July.

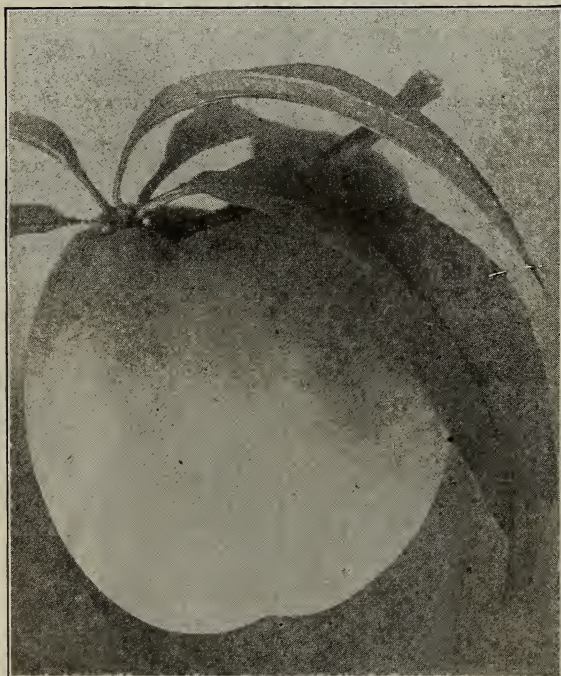
✓ **Banner.** Tree a good grower, bears young, is very productive. Fruit large, deep yellow with crimson cheek; flesh yellow, excellent quality, rich, firm. A profitable late market variety. Late Sept.

✓ **Barnard.** Medium, yellow, juicy and rich. Hardy and productive. Early Sept.

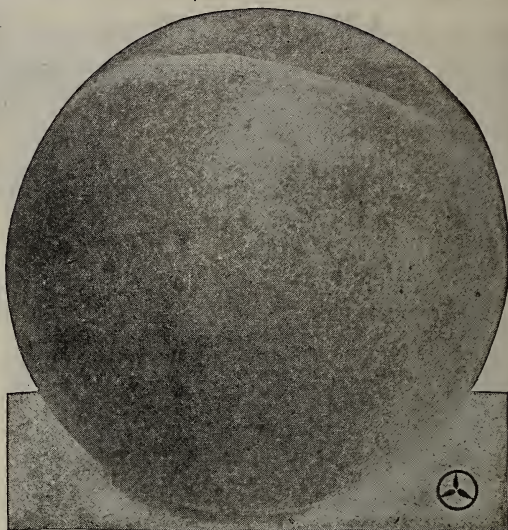
✓ **Beers.** A large, yellow flesh peach, an improvement on Smock Free, which it resembles. Ripens a few days later and is a better annual bearer. One of the most desirable and profitable market sorts.

✓ **Belle.** (Belle of Georgia.) Very large; skin white with red cheek; flesh white, firm and of excellent flavor. Tree rapid grower, very prolific; fine shipper. Ripens with Early Crawford.

✓ **Capt. Ede.** A handsome, large yellow peach of excellent quality; hardy both in bud and blossom. Early September.



Beers



Niagara (See page 149)

✓ **Carman.** Large, resembles Elberta in shape; color, creamy white or pale yellow with deep blush, skin very tough, flesh tender, fine flavor and quite juicy. Aug.

✓ **Chair.** Deep yellow with red cheek; firm; a few days earlier than Smock. Sept.

✓ **Champion.** A large, handsome early variety, creamy white with red cheek, sweet, rich and juicy. Hardy and productive. Aug.

✓ **Chili.** Medium, dull yellow. Extra hardy and productive. Late Sept.

✓ **Chinese Cling.** Large, white, shaded red, fine quality. A favorite variety in the South. Aug.

✓ **Crosby.** One of the hardest; abundant, medium, bright yellow, fine quality. Middle Sept.

✓ **Dewey.** Ripens with the Triumph, better form and color; hardy and productive; the earliest and best yellow freestone. July.

✓ **Early Crawford.** A magnificent large yellow peach of good quality. Early in Sept.

✓ **Elberta.** Large yellow, with red cheek; flesh yellow, firm, juicy, of high quality. Exceedingly prolific, sure bearer and hardy. The leading market variety. Follows Early Crawford.

✓ **Engle.** Large, yellow; resembles Late Crawford but more productive. Sept.

✓ **Fitzgerald.** Fruit large; bright yellow, suffused with red; flesh deep yellow, best quality. Sept. (X)

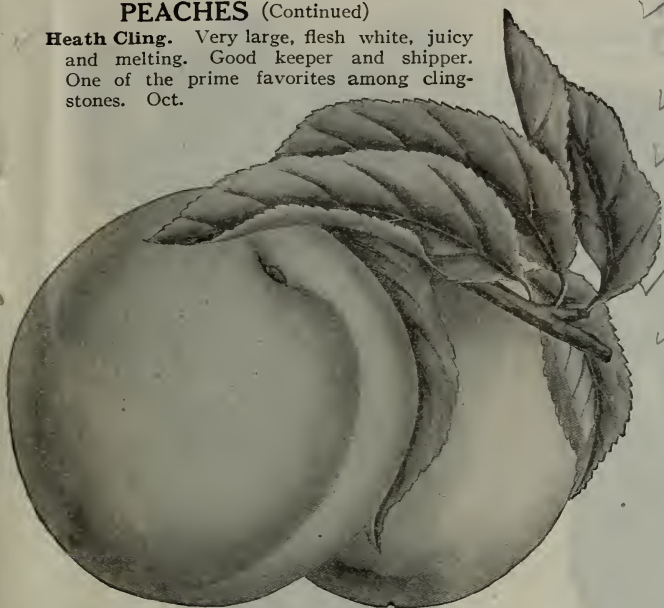
✓ **Foster.** Large, deep orange red, flesh yellow; very rich and juicy. Last of Aug.

✓ **Greensboro.** Double the size of Alexander, ripening at the same time. Flesh white, juicy, and good. July.

✓ **Hale.** Probably no new peach has ever been introduced claiming to be so much superior in all ways. It averages one-third to one-half larger than Elberta, ripens about five days earlier and is much superior in flavor. Color a beautiful golden yellow, with deep carmine blush. It has been tested and largely planted in many sections of the country; and has proven a better shipper and more successful over a wider range, than any other known peach.

## PEACHES (Continued)

**Heath Cling.** Very large, flesh white, juicy and melting. Good keeper and shipper. One of the prime favorites among cling-stones. Oct.



Stearns

**Kalamazoo.** A leading market sort. Large, yellow, fine quality. Extra productive and profitable. Early Sept.

**Late Crawford.** A superb, large, yellow peach. One of the best. Late Sept.

**Lemon Cling.** Large, pale yellow, dark red cheek, hardy and productive. Sept.

**Lemon Free.** Lemon-shaped and colored, large size, immensely productive, excellent quality. One of, if not the best for canning. Sept.

**Lewis.** Earliest white freestone. Remarkably hardy and productive. August.

**Marshall.** Large, yellow, immensely productive. Oct.

**Mathews.** Skin golden yellow, streaked red; flesh yellow, firm, of excellent quality. Late Sept.

**Mayflower.** Bright red cheeked. Carries to market in fine shape and sells well, as it is the only early peach that is well colored. A strong thrifty grower inclined to overbear, it should always be thinned. July.

**Mountain Rose.** Large, red, flesh white, juicy, excellent; one of the best. Aug.

**Wilma.** Splendid new variety. In growth it is strong and stocky, with large, dark green foliage.

The fruit is large as Elberta (its parent), not quite so elongated; color very much better, and ripens about ten days later. Its more attractive color out-sells Elberta when side-by-side on the market. Wilma is being largely planted in the great peach belt of northwestern Ohio, and we believe it one of the coming leading commercial varieties. Mail size, 25 cts. each; 5 for \$1.

**Wonderful.** A fine late market variety, similar to Beers. Late Sept

**Niagara.** A very large, yellow peach. It has been well tested, said to be the best orchard variety, surpassing both Elberta and Crawford in size, color, quality and vigor; ripening between Crawford and Elberta.

**Old Mixon Cling.** Large, yellow with red cheek; juicy, high quality. Late Sept.

**Old Mixon Free.** Large, pale yellow, deep red cheek, white flesh, tender, rich, good. Sept.

**Prolific.** Large, attractive, firm; flesh yellow, fine flavor; hardy, productive. Early Sept.

**Reeves.** Large, yellow, with red cheek; juicy, melting. A good hardy sort. Sept.

**Rochester.** A new yellow freestone variety having the exceptional merits of being early, ripening about August 10, extraordinary sweetness and early bearing. Some trees bear in two years from planting. In other respects compares favorably with the best standard varieties, and is rapidly attracting attention. The fruit is large, yellow, sweet, juicy and of delicious flavor; keeping and shipping well; skin prettily blushed. Tree is strong growing and hardy, an annual and prolific cropper. By mail, 30 cts. each; 4 for \$1.00.

**Salway.** Large, creamy yellow, red cheek, flesh deep yellow, juicy, rich, sweet. Oct.

**Smock Cling.** Large, yellow, juicy, sub-acid.

**Smock Free.** Large, yellow and red, bright yellow flesh. Valuable for market. Late Sept.

**Stearns.** A perfect freestone, with yellow flesh and brilliant red skin. As a shipper it cannot be surpassed. Tree is a strong, upright grower, extremely hardy and free from disease. Considered by the introducer as the best market peach grown. Follows Elberta.

**Stevens.** Resembles an enlarged high colored Old Mixon. Hardy, exceedingly productive. Late Sept.

**Stump.** Very large, white with a bright red cheek. End of Sept.

**St. John.** Nearly as large as Crawford, fully equal in color. Fruit round, brilliant, showy; one of the earliest yellow peaches. Aug.

**Triumph.** Ripens with Alexander, blooms late, sure and abundant bearer; strong vigorous grower. Fruit good size yellow with red crimson cheek.

**Williams.** Large handsome, hardy, very productive; excellent shipper. One of the most profitable cling-stones. Mid. Sept.



New Yellow Peach—Wilma

# GRAPES



Moore's Early



Brighton (See page 151)

## PRICE OF GRAPE VINES.

|                                       | Each    | Per 10 | Per 100 |
|---------------------------------------|---------|--------|---------|
| Agawam, 1 year.....                   | \$0 .15 | \$1.20 | .....   |
| " 2 years.....                        | .20     | 1.50   | .....   |
| Brighton, 1 year.....                 | .20     | 1.50   | .....   |
| " 2 years.....                        | .30     | 2.00   | .....   |
| Campbell, 1 year.....                 | .15     | 1.20   | .....   |
| " 2 years.....                        | .20     | 1.50   | .....   |
| Catawba, 1 year.....                  | .15     | 1.20   | .....   |
| " 2 years.....                        | .20     | 1.50   | .....   |
| Champion, 1 year.....                 | .15     | 1.00   | 7.00    |
| " 2 years.....                        | .20     | 1.20   | 10.00   |
| Concord, 1 year.....                  | .10     | .70    | 6.00    |
| " 2 years.....                        | .15     | 1.00   | 8.00    |
| Delaware, 1 year.....                 | .20     | 1.50   | .....   |
| " 2 years.....                        | .30     | 2.00   | .....   |
| Diamond, 1 year.....                  | .15     | 1.20   | .....   |
| " 2 years.....                        | .20     | 1.50   | .....   |
| Ives, 1 year.....                     | .10     | .80    | 6.00    |
| " 2 years.....                        | .15     | 1.00   | 8.00    |
| Moore's Early 1 year.....             | .15     | 1.20   | 9.00    |
| " 2 years.....                        | .20     | 1.50   | 11.00   |
| Niagara, 1 year.....                  | .12     | 1.00   | 7.00    |
| " 2 years.....                        | .15     | 1.20   | 10.00   |
| Pocklington, 1 year.....              | .15     | 1.20   | .....   |
| " 2 years.....                        | .20     | 1.50   | .....   |
| Regal, 1 year.....                    | .20     | 1.50   | 13.00   |
| " 2 years.....                        | .25     | 2.00   | 18.00   |
| Salem, 1 year.....                    | .15     | 1.20   | .....   |
| " 2 years.....                        | .20     | 1.50   | .....   |
| Vergennes, 1 year.....                | .15     | 1.20   | .....   |
| " 2 years.....                        | .20     | 1.50   | .....   |
| Winchell (Green Mount'n), 1 year..... | .30     | 2.50   | .....   |
| " 2 years.....                        | .40     | 3.50   | .....   |
| Woodruff, 1 year.....                 | .20     | 1.50   | .....   |
| " 2 years.....                        | .25     | 2.00   | .....   |
| Worden, 1 year.....                   | .15     | 1.20   | 8.00    |
| " 2 years.....                        | .20     | 1.50   | 10.00   |
| Wyoming, 1 year.....                  | .15     | 1.20   | .....   |
| " 2 years.....                        | .20     | 1.50   | .....   |

**BY** { Unless noted, 1 year vines, 20 cts. each.  
**MAIL** { Unless noted, 2 year vines, 30 cts. each.  
**OUR** { 10 vines in 5 sorts, 1 year **FOR \$1.50**  
**CHOICE** { or 4 vines in 3 sorts, 2 years } **By mail.**

**E**VEN under unfavorable conditions the grape-vine will bear fruit, but good culture, pruning and spraying should be applied if the best quality of fruit is desired. No part of the fruit garden yields a richer harvest than the vineyard. Along almost any garden fence or walk there is room for vines enough to furnish luscious grapes from July to November. In such situations they may be planted about 8 feet apart. In vineyard rows, set the vines 6 to 10 feet apart, with 8 feet of space between the rows. Make the soil mellow, and plant the vines somewhat deeper than they stood in the nursery. Paper bags slipped over the clusters as soon as they have formed are a good protection from fungus, insects, birds, etc.

## BLACK GRAPES

**Campbell.** Strong grower, with large, healthy foliage; productive. Ripens with Moore's Early. Bunch and berry large glossy black with blue bloom, sweet and juicy, seeds few and small, part readily from the pulp. Stands at the head of early black grapes for quality.

**Champion.** (Talman.) Very early. Bunch and berry medium, thick skin, poor quality.

**Concord.** The well known standard variety, succeeds wherever grapes will grow. Mail size, 1 year, 15 cts.; 10 for \$1.25.

**Ives.** Bunch medium to large, compact; often shouldered; berries medium.

**Moore's Early.** Bunch large, berry large round, with heavy bloom, vine exceedingly hardy. Its earliness makes it desirable for an early market and particularly adapts it to Canada and northern portions of the United States; also succeeds admirably in the South.

## RED or AMBER GRAPES



Black—Worden

**Worden.** A splendid grape of the Concord type, larger, better quality and earlier.

Mail size, 1 year, 15 cts.; 10 for \$1.50.



Regal—Red

**Agawam.** (Rogers' No. 15.) Berries very large, with thick skin, pulp soft, sweet and sprightly, very vigorous, ripens early.

**Brighton.** Bunch large, well formed; berries above medium to large, round, excellent flavor and quality.  
By mail, 1 year, 25 cts.; 2 years, 35 cts.

**Catawba.** Berries large, round; when fully ripe of a dark copper color, with sweet, rich musky flavor. Requires a long season to arrive at full maturity.

**Delaware.** Small compact, juicy, sweet, spicy. By mail, 1 year, 25 cts.; 2 years, 35 cts.

**Regal.** Very hardy, having endured thirty degrees below zero without injury. A short-jointed, vigorous and healthy grower; ripens its wood early. Exceedingly productive, and ripens a heavy load of fruit well without injury to vine. The cluster is of a very desirable size—medium to large—cylindrical, very compact and handsome. Berries are large, persistent, translucent, dark red, juicy, with a skin thin but tough. The pulp tender—easily freeing its seeds. Mail size, strong one year, 25 cts.; 5 for \$1.00; 2 year, 35 cts.; 3 for \$1.00.

**Salem.** (Rogers' No. 53.) A strong, vigorous vine, berries large; Catawba color; thin skin, free from hard pulp; sweet and sprightly.

**Vergennes.** Berries large, holding firmly to the stem; light amber; rich and delicious. Can be held a long time in good condition.

**Woodruff.** Of ironclad hardness. Fruit large, attractive, sweet. Desirable as a market variety.

**Wyoming.** One of the most beautiful of the amber or red grapes; flesh tender, juicy, sweet. Early.

White  
Niagara

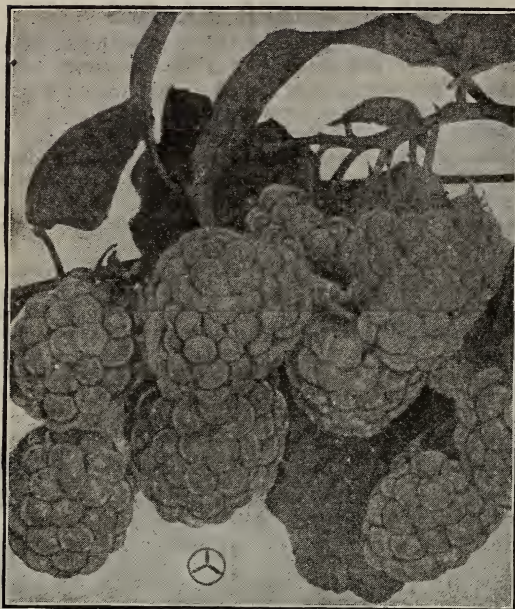
## WHITE GRAPES

**Diamond.** Early, ripening before Moore's Early. White, with rich yellow tinge; juicy, few seeds, almost free from pulp, excellent quality; above medium size, adheres firmly to stem. Vine like Concord in growth, hardness and foliage.

**Niagara.** Occupies the same position among the white varieties as Concord among the black; the leading profitable market sort. Bunch and berries large, greenish white changing to pale yellow when fully ripe. Skin thin but tough; quality much like Concord. Mail size, 1 year, 15 cts.; 10 for \$1.00.

**Pocklington.** Bunch and berries large, when fully ripe a light golden yellow; juicy, tender, sweet, with little pulp.

**Winchell.** (Green Mountain.) An extra early variety from Vermont. Skin thin, pulp tender and sweet, quality superb. Bunch and berry medium size. Vine hardy, vigorous and productive. Mail size, 1 year, 35 cts.; 3 for \$1.00; 2 year, 45 cts.; 3 for \$1.25.



## RASPBERRIES

Will do well on any soil that will produce a good corn crop. Land should be thoroughly prepared and well enriched; ground bone is one of the best fertilizers. Keep well cultivated and free from weeds and suckers. As soon as they have done bearing, cut out the old wood to give more vigor to the young canes. Plant in rows five feet apart, three feet apart in the row.

| PRICE OF RASPBERRIES.       |    | Per 10 | Per 100 | Per 1000 |
|-----------------------------|----|--------|---------|----------|
| Cuthbert.....               | \$ | .50    | \$2.50  | \$20.00  |
| Empire.....                 |    | 1.50   | 10.00   | .....    |
| Gregg and Columbian.....    |    | .60    | 3.00    | .....    |
| Kansas, Cumberland and Plum |    |        |         |          |
| Farmer.....                 |    | .50    | 2.50    | 20.00    |
| Eaton.....                  |    | .60    | 3.50    | .....    |
| Golden Queen.....           |    | .60    | 3.50    | .....    |
| King.....                   |    | .50    | 3.00    | 22.00    |
| Marlboro.....               |    | .50    | 2.50    | 20.00    |
| Royal Purple.....           |    | .70    | 4.00    | .....    |
| Ruby.....                   |    | .60    | 3.00    | .....    |
| Perfection.....             |    | .60    | 3.50    | .....    |
| Herbert.....                |    | .70    | 4.00    | .....    |
| St. Regis.....              |    | .60    | 3.00    | .....    |

Mail size, unless noted, 10 cts.; 10 for 70 cts.; 100 for \$3.00.

### RED

**Cuthbert** ("Queen of the Market.") A remarkably strong, hardy variety; stands the northern winter and southern summers equal to any. Berries very large, measuring three inches around, conical, rich crimson, very handsome, and so firm they can be shipped hundreds of miles by rail in good condition; flavor is sweet, rich and luscious. The leading market variety for main crop.

**Columbian.** Very large, purplish color, rather soft; rich, sprightly flavor unrivalled for canning, making jam, jelly, etc. Bush, wonderful for vigor of growth and productiveness, attaining large size and producing immense crops.  
Mail size, 15 cts.; 10 for 75 cts.; 100 for \$3.50.

**Eaton.** A strong, sturdy grower, throwing out many laterals and fruiting to the tips and from every lateral. An immense cropper, while the fruit is extraordinarily large and handsome, firm, and of the highest quality. The fruit a deep rich red when fully ripe, and of sprightly exquisite flavor. Mail size, 15 cts.; 10 for 85 cts.; 100 for \$4.00.

**Empire.** A new variety originated by L. E. Wardell who also originated Marlboro and Ruby. Empire is one of the most promising new red raspberries, having hardiness, productiveness, vigor of bush, healthiness and large, handsome, firm, well flavored fruits as its chief assets. The canes need no winter-protection in this region; equal any other variety in productiveness and are unusually vigorous. The berries average larger than those of the well-known Cuthbert, and are about the same color as those of that variety; they ripen a little earlier and have a longer picking season. The fruits are mild, rich and sweet so that the variety may be ranked among the best in quality. The texture is firm and the berries will stand shipment well and may be kept long. With such an array of good characters, it seems certain that Empire must take high standing among commercial red raspberries. Mail size, 25 cts.; 10 for \$2.00; 100 for \$10.50.



Herbert

**Herbert.** In hardiness it easily takes first place, standing a lower temperature than any other kind. The cane is very strong and vigorous, slightly prickly, leaves large and healthy. Fruit bright red, somewhat oblong, larger than Cuthbert, flavor very sweet and juicy. Season 5 to 6 days before Cuthbert. Mail size, 15 cts.; 10 for 75 cts.; 100 for \$4.50.

**King.** Plant a strong grower, very hardy and productive. Berry is firm, a good shipper; large size; beautiful bright scarlet color; ripens with the earliest.

**Marlboro.** Large size, light crimson color; good quality and firm. Vigorous, hardy and productive. The best well tested, large early berry for the north.

## RED RASPBERRIES (Continued)

**Perfection.** A wonderful variety found growing in New York in the spring of 1900. Strongest grower of the bright red raspberries, making canes ten feet in height which are perfectly smooth; tied to stakes it has stood twenty degrees below zero without injuring a bud. Berries bright crimson, mammoth and uniform size, grow in large clusters. It is immensely productive and continues in fruit through a long season. Mail size, 15 cts.; 10 for 85 cts.; 100 for \$4.00.

**Royal Purple.** A new purple variety, resembling but claimed to be better in every respect than the Columbian or Haymaker. One of the largest. The greatest bearer of all; of fine flavor. Plant hardy as an Oak; a strong grower. Recommended by the introducer as the greatest money making Raspberry on Earth. Mail size, 15 cts.; 10 for \$1.00; 100 for \$4.50.

**Ruby.** Ripens with the earliest, continuing a long season. Fruit large, bright red, exceedingly firm, excellent quality. Strong grower, large hardy canes. One of the most profitable early bright reds. Mail size, 15 cts.; 10 for 75 cts.; 100 for \$3.50.



St. Regis

**St. Regis.** A genuine, practical, profitable, continuous—to—fall bearing red raspberry. Fruit commences to ripen with the earliest and continues on young canes until October. Berries bright crimson, large size, rich, sugary, with full raspberry flavor. Flesh firm and meaty, a good shipper. Wonderfully prolific. Canes stocky, of strong growth, with abundance of dark green feathery foliage. Mail size, 15 cts.; 10 for 75 cts.; 100 for \$3.50.

## YELLOW RASPBERRIES

**Golden Queen.** A beautiful, large golden yellow berry, seedling of the Cuthbert and surpassing that variety in size, beauty, quality and adaptability. Canes hardy, of strongest growth, productive. Should be in every garden, its beauty and high quality placing it at the head for table use. 15 cts.; 10 for 85 cts.; 100 for \$4.00.

"Black Caps" should be planted only in the spring. Pinch them back early, or when the young canes are about 2½ feet high, to keep the bushes snug and compact and to avoid staking. All kinds of Raspberries are benefited by mulching, both in summer and winter.



Cumberland Raspberry

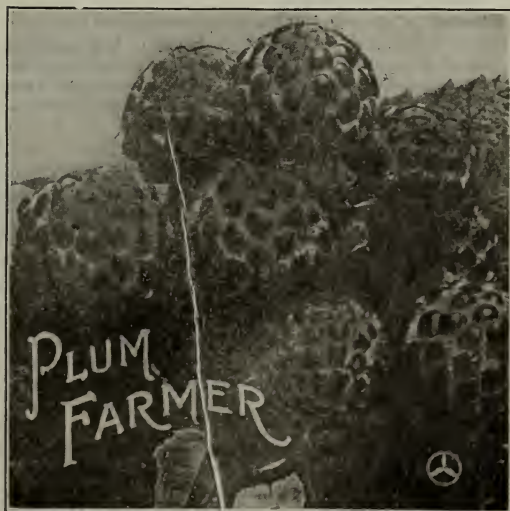
## BLACK RASPBERRIES

**Cumberland.** A healthy, vigorous grower, throwing up stout, stocky well branched canes that produce immense crops of magnificent berries. Fruit very large, firm, quality about same as Gregg, keeps and ships as well as any of the blacks. The most profitable market variety. Mid-season.

**Gregg.** For many years the leading standard best known market sort. Very productive, large size, firm, meaty berries, covered with heavy bloom. Mail size, 15 cts.; 10 for 75 cts.; 100 for \$3.50.

**Kansas.** Strong, vigorous grower, standing extremes of drouth and cold, and bearing immense crops. Early, ripening just after Palmer. Berries size of Gregg, of better color; jet black and almost free from bloom; firm, of best quality; presents a handsome appearance and brings highest price in market.

**Plum Farmer.** A few days later than Kansas; maturing the entire crop in a very short period, making one of the most profitable early market sorts. The berries are thick-meated, firm, with a bloom similar to Gregg. Berry large and very attractive when picked.





Blower

## BLACKBERRIES

Should be planted in rows six to seven feet apart, three to five feet in the row. Keep the ground light and rich. Pinch the canes back when they have reached four feet in height.

### PRICE OF BLACKBERRIES.

|   | Each   | Per 10 | Per 100 |
|---|--------|--------|---------|
| Early Harvest, Snyder, Taylor and Ward..... | \$ .10 | \$ .50 | \$ 3.50 |
| Miller.....                                 | .20    | 1.25   | 10.00   |
| Eldorado and Blowers.....                   | .10    | .75    | 4.00    |
| Lucretia Dewberries.....                    | .10    | .50    | 2.50    |

By mail, unless noted, 15 cts.; 10 for \$1.00; 25 for \$1.50; 100 for \$4.25.

**Blower.** Originated in the celebrated small fruit belt of Chautauqua County, N. Y. One of the hardiest; most productive, of the finest quality, and brings on the market the highest price of all blackberries. Has produced 2,694 berries on one bush, 2,720 quarts on one-third acre. Mail size, 20 cts.; 10 for \$1.25; 25 for \$2.25.

**Early Harvest.** Not entirely hardy in the north and needs winter protection. Its earliness, combined with good shipping qualities, make it very profitable. Compact dwarf grower, enormous bearer. Fruit medium size, black, of excellent quality.

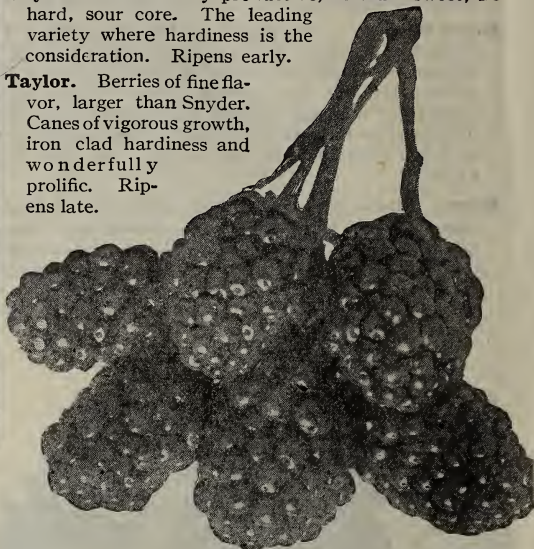
**Eldorado.** The vines are very vigorous and hardy, enduring the winters of the far northwest without injury, and their yield is enormous. Berries large, jet black; borne in large clusters, and ripen well together; they are very sweet, melting and pleasing to the taste, have no hard core, and keep eight or ten days after picking with quality unimpaired. Mail size, 20 cts.; 10 for \$1.25; 100 for \$4.75.

**Miller.** Originated by D. J. Miller, who devoted many years of his life to the improvement and introduction of fruits, originating some of the best varieties of peach, strawberry and other fruits. The Miller is

supposed to be a descendent of the hardy old Taylor, crossed by some of the larger fruited sorts—was grown by Mr. Miller ten years before we bought the entire stock. One of the finest large blackberries, hardy and very prolific; canes strong and robust, has produced fruit one inch in diameter and one and one-half inches long. Fruit dark color, sweet and juicy, no core. Mail size, 25 cts.; 10 for \$1.00; 25 for \$3.00.

**Snyder.** Enormously productive, medium sweet, 10 hard, sour core. The leading variety where hardness is the consideration. Ripens early.

**Taylor.** Berries of fine flavor, larger than Snyder. Canes of vigorous growth, iron clad hardness and wonderfully prolific. Ripens late.



Ward

**Ward.** Undoubtedly a seedling of the Kittatinny, which it resembles, having all of its good qualities and none of its defects. A healthy, strong grower with sturdy canes producing fine large fruit, black throughout, without core, and of excellent quality. Has never suffered from winter injury in New Jersey. An exceedingly prolific sort, the bushes being covered with its fine fruit, producing as many bushels per acre as the Wilson in its prime.

## DEWBERRY



Lucretia

**Lucretia.** One of the low-growing trailing blackberries; in size and quality it equals any of the tall-growing sorts. Perfectly hardy, healthy and remarkably productive, with large, showy flowers. The fruit, which ripens early, is often one and one-half inches long by one inch in diameter; soft, sweet and luscious throughout. Mail size, 15 cts.; 25 for \$1.00; 100 for \$3.00.

# STRAWBERRIES

If plants are set  $1\frac{1}{2}$  by 3 feet, it will require 9680 plants to an acre

Strawberries will succeed in any soil that is adapted to ordinary farm or garden crops. Soil should be thoroughly prepared to a good depth, well drained and enriched. Vegetable manure (muck, rotten turf, wood soil, ashes, etc.) is the best. For field culture set in rows 3 to  $3\frac{1}{2}$  feet apart, 15 to 18 inches in rows; for garden 15 inches apart each way, leaving pathway every third row. To produce fine, large fruit, keep in hills, pinching runners off as soon as they appear. Ground should always be kept clean and well cultivated. In winter a covering of leaves, straw or some kind of litter will protect the plants. Do not cover them until ground is frozen, or so deep as to smother the plants, and remove covering before growth starts in spring. Mulching will keep the fruit clean and the soil in good condition through the fruiting season.



Perfect Flower



Imperfect Flower

The blossoms of those varieties marked with (P) are destitute of stamens and are termed "pistillate," and unless a row of perfect flowering variety is planted at intervals not exceeding about a rod, they will produce imperfect fruit and but little of it; but when properly fertilized as a rule they are more prolific than those with perfect flowers. We give representations of Bi-Sexual, or perfect flowered, and also of the Pistillate, or imperfect. Our land is especially suited to the development of strawberry plants, giving us extra fine crowns and roots, our plants weighing two or three times as much as many sent out. Our stocks are pure, each kind kept by itself and cultivated entirely for the production of plants. They are carefully graded, handled and packed, certain to give the best of satisfaction. **Dip the plants in water as soon as received, and bury the roots in moist, shady ground until you are ready to set them out; neglect for an hour or so is often fatal.**

**WE SEND STRAWBERRY PLANTS BY EXPRESS OR MAIL ONLY.**

## EVERBEARING STRAWBERRIES



Everbearing strawberries that yielded fruit continuously from May or June until frost, have been known for a long time, but it is only recently that varieties of value have been produced. We offer, after trial of most of the leading varieties, the following two as the best of this class. **CAUTION**—To obtain the largest size and finest quality of fruit in the fall, keep flowers picked off until about the first of August.

**Superb.** One of the best and most profitable of the fall bearing sorts, also yielding good crops in June on the same plants that produced fruit the previous fall. With us they outyield all other fall bearers. Plants are strong and stand the winter well after producing a heavy crop of fruit from about August 15 until November 15, according to season. Fruit is very large, round, rich, dark colored, glossy, attractive and smooth. Each berry is of good shape and ripens all over at once.

**Progressive.** Not so large as Superb, but by many considered of superior quality; of good size, smooth and of good red color. The plants are vigorous and healthy, much like Dunlap, with bloom well protected by foliage. Gives good picking for as long a time as its companion Superb.

|                                       | Per 10 | Per 100 | Per 1000 |
|---------------------------------------|--------|---------|----------|
| Everbearing varieties by Express..... | \$50   | \$1.50  | \$10.00  |
| Everbearing varieties by Mail.....    | .70    | 1.75    | .....    |

## TWO NEW STRAWBERRIES (WE GIVE ORIGINATOR'S DESCRIPTIONS)

**Campbell's Early.** (The best first early variety.) It is a pleasure to find a new variety of strawberries, especially when it is better than the older sorts. Such is Campbell's Early. Plants are large and strong, very vigorous, deep rooted and will make a good bed on sandy soil. Blossoms are perfect. Fruit ripens very early and the crop is sold before the glut of midseason berries comes on. The yield is large and dependable. Berries are attractive, sell well and run medium in size. Few extra large ones and practically no worthless nubbins. Not as firm as Gandy, but firm enough to carry well for distant shipping. Good table berry,

with just enough acid to give it a good berry flavor. By mail, 40 cts. per 10; \$1.10 per 100.

**Big Valley.** (M) Fruited and tested for ten years before introduction. An extra hardy, strong growing plant with large, heavy foliage; a prolific plant maker. Fruit of the very largest size; have had berries that measured  $6\frac{1}{4}$  inches in circumference. The sweetest berries I have ever tasted; bright red, of handsome shape and appearance. Should be tested by every one wishing a large size, bright red, sweet berry. By mail, 40 cts. per 10; \$1.10 per 100.

# STRAWBERRIES

## GENERAL COLLECTION

Price of Strawberries—By Express. Per 10 Per 100 Per 1000

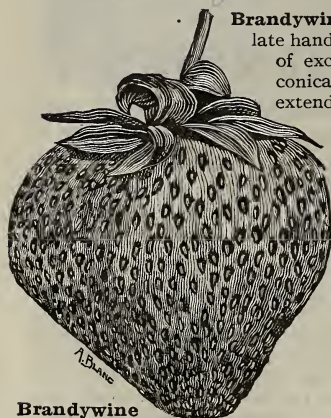
### Standard Summer-bearing Sorts—

|   |        |        |        |
|---|--------|--------|--------|
| *Dunlap, Gandy, Glen Mary, Haverland, Parsons, Ryckman, Sample, Warfield, and Wm. Belt.....                 | \$0.15 | \$0.65 | \$5.00 |
| *Brandywine, Excelsior, Gibson, Jessie, Stevens Late and Uncle Jim.....                                     | .20    | .75    | 6.00   |
| *Bubach, Big Valley, Campbell's Ey., F. E. Willard, Joe Johnson, Michels Ey., Marshall and Pitts-ville..... | .25    | .85    | 7.00   |

By mail—all varieties above—except noted, 25 cts. for 10; 90 cts. for 100.

\*See "Everbearing" varieties on Page 155.

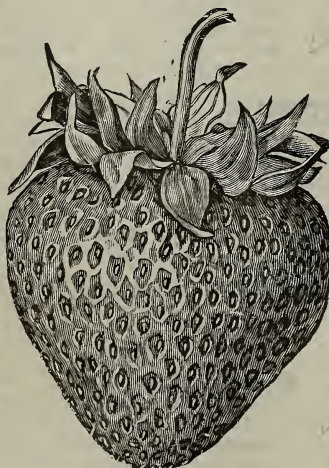
(P) means "pistillate" or imperfect flowers. (E), (M) and (L) designate early, medium or late fruiting season.



Brandywine

**Brandywine. (L)** A fine, large, late handsome, productive berry of excellent quality; regular conical form; dark, glossy red, extending to the center. Plant healthy, vigorous; abundant producer. By mail, 35 cts. per 10; \$1.00 per 100.

**Bubach. (P) (M)** Its large and uniform size, fine form and color, unsurpassed productiveness and great vigor combining to make it one of the leading market sorts. By mail, 10 for 40 cts.; 100 for \$1.10.



Dunlap

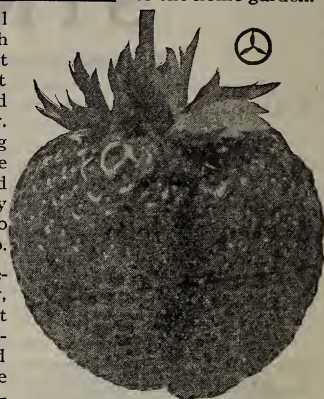
**Dunlap. (E)** Plant resembles Warfield, rampant runner, should be restricted in its production of plants; fully equal to Crescent and Warfield in its ability to succeed under all circumstances. Fruit good size, regular form, beautiful bright red, glossy; firm, splendid keeper and shipper, excellent quality, one of the best for canning; ripens early and continues a long time.

**Excelsior. (E)** A very early berry, noted for its productiveness and its ability to stand drought and heat. It is extensively grown for market purposes. By mail, 10 for 35 cts.; 100 for \$1.00.

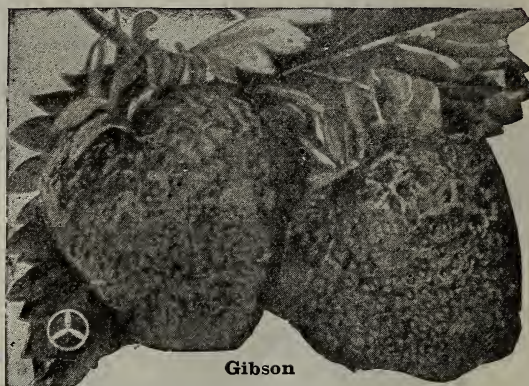
## Frances E. Willard. One of the finest of all for the home garden.

Fruit beautiful glossy red, with red flesh and finest quality, Plant large, healthy, good grower and bearer. Everyone desiring an extra large fancy berry should give it a trial. By mail, 10 for 40 cts.; 100 for \$1.10.

**Gandy. (L)** Reliable late variety, berries bright crimson, very uniform in size and shape, and large firm plants; vigorous and healthy.



Frances E. Willard



Gibson

**Gibson. (M)** A well tested sort that has proven one of the best for both home and market and one of the most profitable berries grown. Plants are strong growers with long roots and abundant foliage, exceedingly productive. Berries extra large, choice flavored, dark glossy red clear through. By mail, 10 for 35 cts.; 100 for \$1.00.

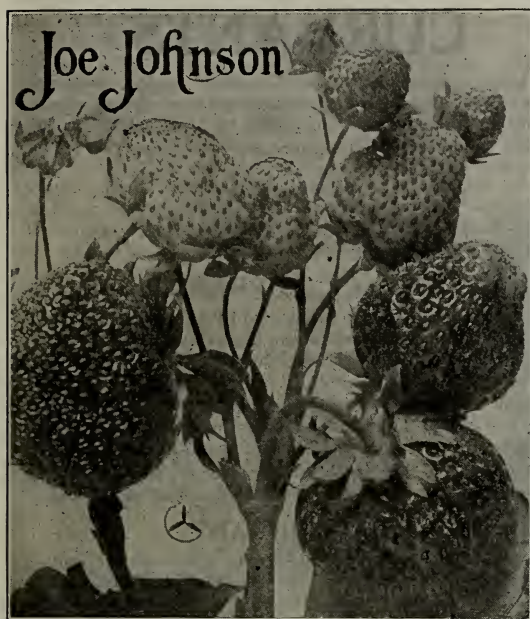
**Glen Mary. (M)** Berries large to very large, often flattened, bright deep red on surface, light red to center, sweet, rich, good flavor. Season medium to late. One of the most productive and holds its size well to end of season. Plant very vigorous. One of the best for home use and nearby market.



Glen Mary

**Haverland. (P) (M)** A fine grower, very productive. One of the leading market sorts. Berries uniform, long, medium size and quality.

**Jessie. (M)** A large, handsome, dark red berry. Strongly staminate; a fine fertilizer for such varieties as Bubach. Vigorous, healthy plant. Mid-season. By mail, 10 for 35 cts.; 100 for \$1.00.



### STRAWBERRIES (Continued)

#### Joe Johnson. (M)

Very productive of large berries, a beautiful red with bright green calyx; its beauty adding much to its market value. In flavor, it is one of the best, perfect for both table and canning; and is one of the best shipping varieties. By mail, 10 for 40 cts.; 100 for \$1.10.

**Marshall. (E)** An exceedingly handsome, high colored, very large berry of extra fine quality; ripening early. Plant very strong, with high culture produces heavy crops. By mail, 10 for 40 cts.; 100 for \$1.10.

**Michel. (E)** Plant a strong grower, in most sections productive; berries medium size, roundish, bright crimson, fair quality. One of the first berries to ripen and worthy of planting everywhere on that account. By mail, 10 for 40 cts.; 100 for \$1.10.

**Parsons. (M)** Makes a fine large plant, very free from rust, exceedingly productive. Berries large, bright red, conical, firm, a good shipper. Midseason. For several seasons one of the best paying sorts in this section.

**Ryckman.** One of the largest growing, heaviest rooted, strongest plants among strawberries. Long fruit stalks holding fruit well above ground. Very large, ripening early; beautiful light red without white tip; conical shape, fine flavor. In the front rank of strictly big berries.

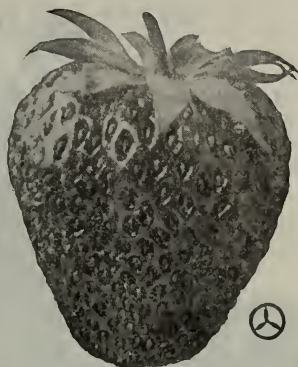


Parsons

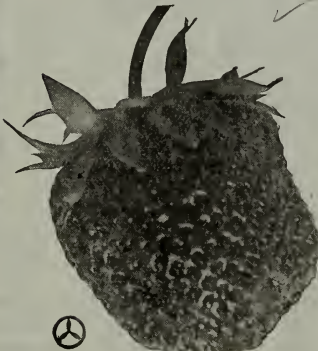
**Pittsville.** A new mid-season variety beginning to ripen about the same time as Senator Dunlap which it resembles in some respects but is not as dark a color and is very firm, making it a good shipper. Holds its large size from first ripening until the last picking. The plant is large and healthy; very deep rooted, making it a good one to plant in dry soils. Judging from one season's trial this is one of the best for general market and home use. By mail, 10 for 40 cts.; 100 for \$1.10.

#### Sample. (P) (L)

One of the very best berries and seems to succeed nearly everywhere. Plants strong, large and healthy, producing in profusion large dark colored berries of uniform size and color, firm enough to ship well. One of the standard sorts for both home and market.



Sample



Stevens

as Gandy. By mail, 10 for 35 cts.; 100 for \$1.00.

**Uncle Jim. (Dorhan.)** Plants are large and free from rust. Berry is large, of regular form and late season. Goes nicely with Bubach and is one of our most profitable berries.

**Warfield. (P) (M)** Its great beauty, firmness, earliness, good flavor, productiveness and vigor make it exceedingly popular. Ripens with Crescent, and is superseding that variety for a reliable market sort. By mail, 10 for 35 cts.; 100 for \$1.00.

**Wm. Belt. (M)** A large, handsome, productive berry for market or home use. Vigorous, thrifty, heavy plant producing large crops under good common matted row culture. Berries extra large, conical, quite uniform in shape, brilliant glossy red, ripens all over without green tips, good quality, carries well to market and brings highest price. One of the best varieties.



Strawberries cannot safely be included in shipments by FREIGHT. They are invariably too long on the road, and suffer a large percent of, if not total, loss.

London Market



# CURRANTS

Hardy, easily cultivated, standing neglect well and liberally responding to cultivation and generous treatment; indispensable for table use, jellies, etc.; no garden is complete without them, and large quantities are required for market.

Set three to four feet apart, or five feet if in rich ground; cultivate well or mulch heavily; prune out old wood so that each remaining shoot will have room to grow. If the currant worm appears, dust with hellebore, quick.

## BLACK CURRANTS

Their peculiar flavor is not readily appreciated by many people, but once the taste is acquired, "black currant jam" becomes one of the necessary adjuncts to a well stocked pantry.

**Black Victoria.** A strong, vigorous grower, making a neat bush of unfailing productiveness; fruit of fine flavor and enormous size; one of the largest blacks in cultivation.

**Boskoop.** A new black variety claimed to excel all the older sorts in vigor of growth, productiveness and size.

## RED CURRANTS

**Fay.** Of unprecedented popularity, and long the leading market variety over a wide section of country. Extra large stems and berries, uniform in size, easily picked, exceedingly productive. By mail, 20 cts.; 6 for \$1.00.

**London.** Plant is extremely vigorous, with perfect foliage which it retains through the season; an enormous cropper. For any use—home garden or market—one of the best.

**La Versailles.** Very large; red, bunch long, of great beauty and excellent quality; one of the finest and best.

**Perfection.** A cross between Fay's and White Grape, retaining the valuable characteristics of both. Beautiful, bright red, as large or larger than Fay's, holding its size to end of bunch; easy to pick; a superior bearer, less acid and of better quality than any other large currant in cultivation. Mail size, 25 cts.; 5 for \$1.00.

**Red Dutch.** A fine, faithful old sort, with clusters much larger and less acid than many other kinds.

**Wilder.** Compared with the celebrated Fay, is equal in size, with longer bunch; better in quality, with much less acidity; ripens at same time, continues on bush much longer; fully as prolific, in some trials largely outyielding it.

## PRICE OF CURRANTS.

|                                       |        |      |        |
|---------------------------------------|--------|------|--------|
| <b>Black—Black Victoria, Boskoop—</b> |        |      |        |
| 1 year.....                           | \$ .10 | .80  | \$6.00 |
| 2 years.....                          | .15    | 1.00 | 8.00   |
| <b>Red—</b>                           |        |      |        |
| Fay, 1 year.....                      | .12    | 1.00 | 7.00   |
| " 2 years.....                        | .15    | 1.20 | 9.00   |
| La Versailles, 1 year.....            | .10    | .60  | .....  |
| " 2 years.....                        | .15    | .90  | .....  |
| London, 1 year.....                   | .10    | .80  | 6.00   |
| " 2 years.....                        | .15    | 1.00 | 8.00   |
| Perfection, 1 year.....               | .20    | 1.50 | 12.00  |
| " 2 years.....                        | .25    | 2.00 | 15.00  |
| Red Dutch, 1 year.....                | .10    | .60  | .....  |
| " 2 years.....                        | .15    | .90  | .....  |
| Wilder, 1 year.....                   | .12    | 1.00 | 7.00   |
| " 2 years.....                        | .15    | 1.20 | 9.00   |
| <b>White—</b>                         |        |      |        |
| White Grape, 1 year.....              | .10    | .80  | 6.00   |
| " 2 years.....                        | .15    | 1.00 | 8.00   |
| White Imperial,                       |        |      |        |
| 1 year.....                           | .15    | 1.20 | .....  |
| 2 years.....                          | .20    | 1.50 | .....  |

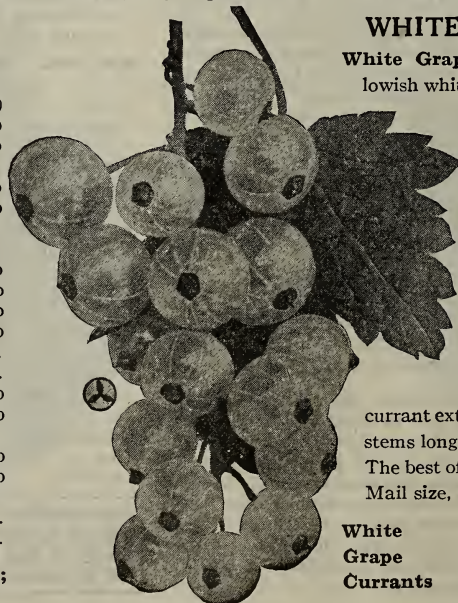
Unless noted, 1 year, by mail, 15 cts.; 8 for \$1.00.

## WHITE CURRANTS

**White Grape.** Very large; yellowish white; sweet or very mild acid; excellent quality and valuable for the table. Productive.

**White Imperial.** Vigorous grower, very productive. The sweetest and richest white

currant extant. Fruit larger and stems longer than White Grape. The best of all for a dessert fruit. Mail size, 20 cts.; 6 for \$1.00.



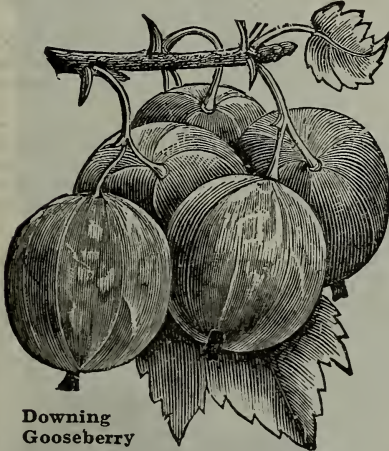
White  
Grape  
Currants

## GOOSEBERRIES

Owing to the embargo placed by our government upon all Gooseberries of foreign propagation, we regret our inability this year to offer our usual choice list of large fruited sorts which we have grown for us in England, and usually import in great quantities. We are leaders in the handling of this valuable stock, and will resume our accustomed list as soon as the present embargo is lifted.

Plant from 3 to 4 feet apart, in good rich soil and give a liberal dressing of manure every season. Regular pruning every year is essential for the production of fine fruit. To prevent mildew, spray bushes as soon as leaves appear and several times during the summer with potassium sulphide (liver of sulphur)—one ounce to four gallons of water.

| PRICE OF GOOSEBERRIES. |       |        |         |
|------------------------|-------|--------|---------|
|                        | Each  | Per 10 | Per 100 |
| Downing, 1 year.....   | \$.15 | \$1.00 | \$ 8.00 |
| " 2 years.....         | .20   | 1.50   | 10.00   |
| Houghton, 1 year.....  | .10   | .80    | 6.00    |
| " 2 years.....         | .15   | 1.00   | 8.00    |
| Josselyn, 1 year.....  | .20   | 1.50   | .....   |
| " 2 years.....         | .25   | 2.00   | .....   |



Downing  
Gooseberry

**Downing.** Large handsome, pale green and of splendid quality for both cooking and table use; bush a vigorous grower, and usually free from mildew. Mail size, 20 cts. each; \$1.00 for 6.

**Houghton.** Small to medium; roundish, oval, pale red, sweet, tender, very good; plants spreading; shoots slender, enormously productive. Mail size, 15 cts.; \$1.00 for 8.

**Josselyn.** Large sized, smooth, prolific and hardy, of best quality. Been tested over a wide extent of territory by the side of all the leading varieties, and so far the freest from mildew, both in leaf and fruit, of them all. A wonderful cropper, with bright clean, healthy foliage. Mail size, 25 cts.; 5 for \$1.00.



Josselyn

## ASPARAGUS

### PRICE OF ASPARAGUS.

Per 10 Per 100 Per 1000

|                                  |        |        |         |
|----------------------------------|--------|--------|---------|
| Conover, Columbian, Palmetto,    |        |        |         |
| 1 year.....                      | \$ .30 | \$ .85 | \$ 6.00 |
| Conover and Palmetto, 2 years... | .50    | 1.25   | 8.00    |
| Bonvallet and Barr, 1 year.....  | .40    | 1.00   | 7.00    |



Palmetto Asparagus

No family garden is complete without its established bed of Asparagus; gives greatest returns for least expense and care of any permanent garden feature. In planting, make soil rich; dig trench; set 12 to 18 inches apart, roots spread out, crown 2 inches below surface; and tamp in returned soil firmly.

**Bonvallet's Giant.** The most vigorous and healthy of all varieties of Asparagus. While not immune from rust, on account of its

vigorous growth and strength, withstands this disease much better than any other variety. In color the shoots are purple tinged when grown in the usual way, but are pure white when planted deep and cut for White Asparagus. Yields much longer in season than most kinds, as its crown does not divide. Flavor finest. By mail, 50 for 75 cts.; 100 for \$1.25.

**Conover.** A standard variety of large size, tender and excellent quality. By mail, 50 for 75 cts.; 100 for \$1.25

**Columbian.** A distinct variety of strong vigorous growth, producing very large, white shoots, that in favorable weather remain white until 3 or 4 inches high, or as long as fit for use. By mail, 50 for 75 cts.; 100 for \$1.25.

**Barr.** The stalks are very large, frequently one inch in diameter, with few scales; retain their thickness completely up to the top of the shoots; and have close, round heads. By mail, 50 for 75 cts.; 100 for \$1.25.

**Palmetto.** A very early variety; even regular size, of excellent quality. By mail, 50 for 65 cts.; 100 for \$1.00.

## RHUBARB or PIE PLANT

### PRICE OF RHUBARB.

Each Per 10 Per 100

|                         |        |        |         |
|-------------------------|--------|--------|---------|
| Linnaeus and Queen..... | \$ .15 | \$1.00 | \$ 5.00 |
| Delicacy.....           | .20    | 1.50   | 6.00    |

**Linnaeus.** Large, early, tender and fine. The old reliable pie kind. By mail, 20 cts.; \$1.00 for 6.

**Queen.** Strong, vigorous grower, producing extra large stocks of decided pink. By mail, 20 cts.; \$1.00 for 6.

**Delicacy.** Because of the tender flesh, the very few fibers and its fine salmon red color when cooked, it brings the highest market price and is the finest of all for table use. Can be cut through a long season. By mail, 25 cts.; \$1.00 for 5.

## NUT TREES

Almost every farm contains land that should be planted to nut trees adapted to the soil. Nuts in many cases pay better than farm crops or fruits, while most kinds are making a growth of valuable timber that will of itself pay a large percent on the investment.

| PRICE OF NUTS.                           |  | Each   | Per 10  | Per 100  |
|--|--|--------|---------|----------|
| Butternuts, 3 to 4 feet.....             |  | \$ .50 | \$ 4.00 | \$ 35.00 |
| " 2 to 3 feet.....                       |  | .35    | 3.00    | 25.00    |
| Chestnut, American Sweet, 6 to 8 ft..... |  | 1.00   | 8.50    | 75.00    |
| " " " 5 to 6 ft.....                     |  | .75    | 6.00    | 50.00    |
| " " " 4 to 5 ft.....                     |  | .50    | 4.00    | 35.00    |
| " " " 3 to 4 ft.....                     |  | .40    | 3.00    | 25.00    |
| " " " 2 to 3 ft.....                     |  | .25    | 2.00    | 15.00    |
| " Spanish, 2 to 3 feet.....              |  | .50    | 4.00    | ....     |
| " " 3 to 4 feet.....                     |  | .75    | 6.00    | ....     |
| Filberts, English, 3 to 4 feet.....      |  | .60    | 5.00    | 40.00    |
| " 2 to 3 feet.....                       |  | .50    | 4.00    | 30.00    |
| " Kentish Cob, 4 to 6 feet.....          |  | 1.00   | 8.00    | ....     |
| Hickory, 1½ to 2 feet.....               |  | 1.10   | 8.50    | ....     |
| " 2 to 3 feet.....                       |  | 1.50   | 12.50   | ....     |
| Pecans, 1½ to 2 feet.....                |  | .75    | 6.00    | ....     |
| Walnut, Black, 4 to 6 feet.....          |  | .60    | 5.00    | ....     |
| " 3 to 4 feet.....                       |  | .50    | 4.00    | ....     |
| " 2 to 3 feet.....                       |  | .35    | 3.00    | ....     |
| " Japan—Sieboldi and Max                 |  |        |         |          |
| Cordiformis, 4 to 6 feet.....            |  | .85    | 7.50    | 65.00    |
| " " 3 to 4 feet.....                     |  | .70    | 6.00    | 50.00    |
| " " 2 to 3 feet.....                     |  | .50    | 4.00    | 30.00    |
| " English, 1½ to 2 feet.....             |  | .60    | 5.00    | ....     |



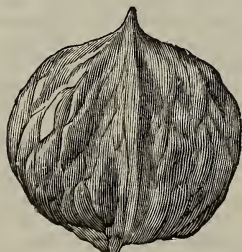
**American Chestnut**

## CHESTNUTS

**American Sweet.** A native tree both useful and ornamental; timber is very durable, and possesses a fine grain for oil finish. Nuts sweet, of delicate flavor; are a valuable article of commerce. No farm should be without its grove of nut-bearing trees, and the chestnut should be foremost wherever the soil is adapted to its growth.

**Japan.** Very distinct from all other chestnuts; dwarf grower, productive, usually producing nuts when two or three years old. Nuts of immense size, surpassing all other kinds; of fair quality when outside skin is removed. **Mail size only.** 40 cts.; \$1.00 for 3.

**Spanish.** A handsome round headed tree producing abundantly very large nuts that find a ready market at good prices. \$25.00 have been realized off one fruiting from nuts of a single tree. Not so sweet as the American and tree not so hardy.



**Hickory**



**Pecan**

## MISCELLANEOUS NUTS

**Hickory, Shell Bark.** The tree is of sturdy, lofty growth. The wood, on account of its great strength and elasticity, is highly prized for making agricultural implements, and is unsurpassed for fuel. Mail size, 40 cts.; \$1.00 for 3.

**Pecan.** Not hardy in the North; one of the best and most profitable where it succeeds. Makes a very large tall tree, producing its thin shelled delicious nuts in profusion. Mail size, 35 cts.; \$1.00 for 4.

**Butternut or White Walnut.** Native tree, producing a large nut. Has a sweet, oily, nutritious kernel.

## FILBERTS

**English.** Of easiest culture, growing 6 to 8 feet high, entirely hardy, and one of the most profitable and satisfactory nuts to grow, succeeding on almost all soils, bearing early and abundantly; nuts nearly round, rich and of excellent flavor, admired for the dessert.

**Kentish Cob.** One of the best; large size, oblong, of excellent quality.

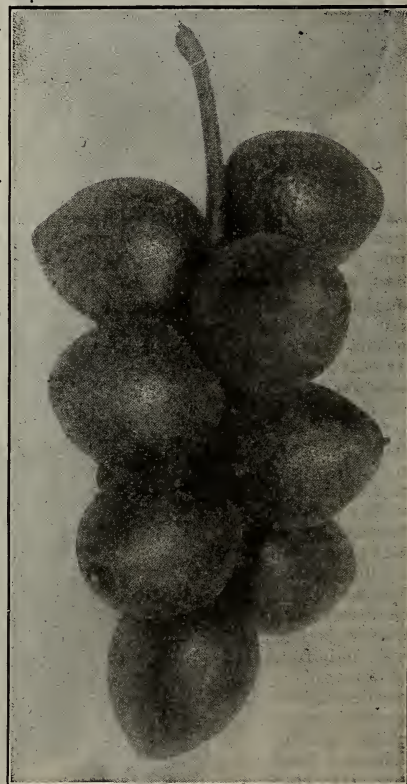
## WALNUTS

**Black.** A native tree of large size and majestic form, beautiful foliage. The most valuable of all trees for its timber, which enters largely into the manufacture of fine furniture and cabinet ware, and brings the highest price in market. Tree a rapid grower, producing a large round nut of excellent quality. Mail size, 25 cts.; \$1.00 for 6.

**English.** ("French Nut," "Madeira Nut.") A fine lofty growing tree, with handsome spreading head. Where hardy it produces immense crops of thin-shelled delicious nuts, which are always in demand at good prices; fruit in green state is highly esteemed for pickling. Will not grow in the North.

**Japan, Max Cordiformis.** Differs from Sieboldi in form of nuts, which are broad-pointed, flattened, resembling somewhat shell-bark Hickory. Mail size, 30 cts.; \$1.00 for 4.

**Japan, Sieboldi.** Perfectly hardy, rapid grower, handsome form, immense leaves; bears young and abundantly; one of the finest ornamental trees. Nuts produced in clusters; resembles Butternut in shape and quality; smaller; smooth and thinner shell. Worthy of extensive planting. Mail size, 30 cts.; \$1.00 for 4.



**Fruit Cluster of Japan Walnut Sieboldi**



# HARDY ORNAMENTAL TREES

This section of our Nursery business requires over two hundred acres of land, distributed in immense, solid blocks to whatever variety of soil is best adapted for each particular kind of tree. A visit to the Ornamental section of our plantation is always a pleasure and education to those of our friends who live near enough to make the trip. We grow other classes and varieties of trees than are listed in this book, fully described in our Descriptive Catalogue No. 1, which we will mail upon application and receipt of ten cents.

The succeeding lists represent the most favored trees for lawn adornment, and the best types for street and grove plantings. **We will be pleased to quote prices** to anyone desiring different sizes or stock in larger quantities than offered herein. In sending list state definitely the number of each variety and size wanted.

We are always pleased to allow personal selection by our customers of particular ornamental trees, but in no such case will listed prices apply.

**Five or more of one kind and size, at ten rate; twenty-five or more at hundred rate.**



The White Ash makes one of our best Street Trees

## DECIDUOUS TREES

**AILANTHUS.** (Tree of Heaven.) An extremely rapid grower with palm-like leaves. Thrives in city lots exposed to gas and smoke, and in soils where most other trees perish. 8 to 10 feet, \$1.25; 10 for \$10.00. Larger specimens, \$2.00 to \$4.00 each.

**ALDER, European.** Well adapted to damp and moist situations. Fast growing with round wavy foliage. 6 to 8 feet, \$1.00. 8 to 10 feet, \$1.35.

**Alder, Imperial Cut-leaved.** One of the best lawn trees, medium size, graceful habit, large, deep-cut foliage. 6 to 8 feet, \$1.50. 8 to 10 feet, \$2.00.

**AMELANCHIER.** (Juneberry, Shad-blow.) Graceful, slender form, white in April, with drooping snowy flowers; small edible purple fruit in June. 2 to 3 feet, 45 cts.; 10 for \$3.50. 3 to 4 feet, 60 cts.; 10 for \$5.00.

**ARALIA, Japonica.** Handsome small tree. Foliage immense, finely divided; flowers in large white spikes in July. 3 to 4 feet, 50 cts.

**Aralia, Spinosa.** (Hercules Club.) Broad handsomely cut leaves, huge clusters of white flowers in July. 3 to 4 feet, 50 cts.

## ASH

**European.** Large, spreading tree of rapid growth, darker foliage than the American. 6 to 8 feet, 75 cts. 8 to 10 feet, \$1.00.

**American White.** A tall rapid grower, smooth gray bark and glossy leaves. For parks and streets.

**Green.** A handsome medium size tree with slender branches forming a round topped head.

|                    |        |         |         |
|--------------------|--------|---------|---------|
| White and Green—   | Each   | Per 10  | Per 100 |
| 6 to 8 feet.....   | \$ .80 | \$ 7.00 | \$60.00 |
| 8 to 10 feet.....  | 1.25   | 10.00   | 85.00   |
| 10 to 12 feet..... | 1.50   | 12.50   | 100.00  |

Larger selected, \$2.00 to \$4.00 each.

**European Weeping.** Grafted on tall stems this tree spreads into a pretty green tent of shade, making it a distinct and beautiful ornament to the lawn. One of the best for forming arbors and shady seats. \$1.50.

## BEECH

**American.** Our noble native forest tree, with silvery bark, fine, spreading growth and symmetrical, rounded head. Especially attractive in spring with the tender, delicate green of its leaves and pendant flowers. Pure yellow in fall. 2 to 3 feet, \$1.00. 3 to 4 feet, \$1.50.

**European.** More compact grower with larger foliage than the American, medium growth. Valuable for groups and screens. 3 to 4 feet, \$1.25. 4 to 6 feet, \$1.50.

**Purple-Leaved.** (River's Grafted.) Makes an elegant medium size tree for the lawn; the foliage in the spring is a deep purple, later changing to crimson, and in autumn a dull, purplish green. 3 to 4 feet, \$1.75. 4 to 5 feet, \$2.25.

**Tricolor.** A charming form with deep purple leaves, margined with rose. Give a sheltered position. 3 to 4 feet, \$2.75.

**Weeping.** A large, luxuriant tree of curious, irregular growth. Its sparkling masses of foliage are swept by tortuous branches into fountain-like masses of green; wonderfully rich and graceful in effect. 4 to 6 feet, \$3.00.

## BIRCH

**American White.** A rather small tree with smooth white bark and handsome foliage. Very effective when planted in front of evergreens, to afford strong contrast. 8 to 10 feet, \$1.50.

**Canoe or Paper.** A large, vigorous, upright tree with broad, handsome leaves and brilliant white bark. A close group of three or four trees is quite striking. 6 to 8 feet, \$1.25. 8 to 10 feet, \$1.50. Larger selected, \$2.50 to \$4.00 each.

**BIRCH (Continued)**

**European White.** (Scotch.) Similar to the American or Canoe Birch, with slender branches and silvery bark. After a few years growth assumes a graceful weeping habit, adding greatly to its beauty.

|   | Each   | Per 10 |
|---|--------|--------|
| Scotch, 4 to 6 feet.....                                  | \$ .75 | \$6.00 |
| " 6 to 8 feet.....  | 1.00   | 8.50   |
| " 8 to 10 feet.....                                       | 1.50   | 12.50  |
| Scotch and Canoe, larger selected, \$2.50 to \$4.00 each. |        |        |

**Cut-Leaved Weeping.** One of the most elegant of all weeping or pendulous trees. Its tall, slender yet vigorous growth, graceful drooping habit, silvery white bark and delicately cut foliage presents a combination of attractive characteristics rarely met with in a single tree. Very popular for single lawn specimens or groups of three or four trees; the white bark of trunk and twigs gleaming conspicuously among the darker greens and browns. 5 to 6 feet, \$1.00; 10 for \$8.50. 6 to 8 feet, \$1.25; 10 for \$10.00. 8 to 10 feet, \$2.00 each. Mail size, 75 cts.

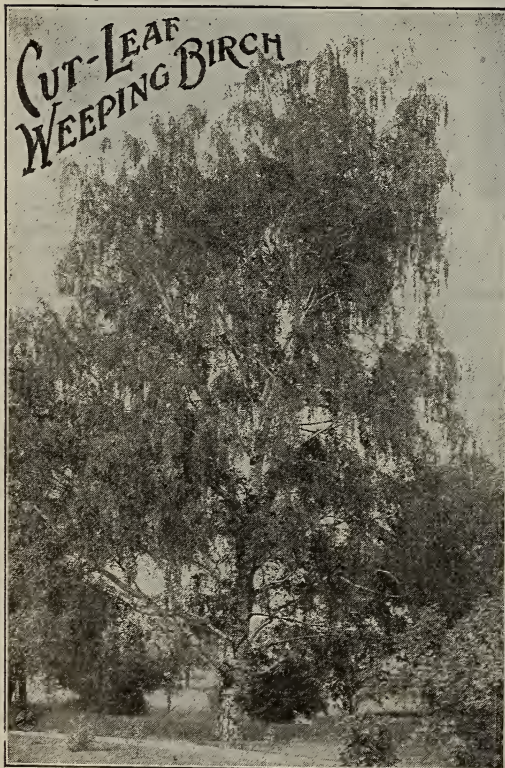
**Purple-Leaved.** A handsome white barked tree with dark purple leaves which contrast beautifully with the bark. 3 to 4 feet, \$1.25.

**Pyramidal.** Of tall, columnar habit like the Lombardy Poplar; white bark. 4 to 6 feet, \$1.75.

**Black or Red.** A moisture loving, graceful tree; with numerous slender branches, and torn and ragged bark. 6 to 8 feet, \$1.50.

**Young's Weeping.** Of naturally trailing growth, with long slender shoots of picturesque irregular form. 4 to 6 feet, \$2.00.

**Yellow.** Large native tree, sometimes 100 feet high, with fine leaves and yellowish gray bark. 6 to 8 feet, \$1.50.



**Catalpa Bungei or "Umbrella Tree"**

**CATALPA****PRICE OF CATALPAS.**

|   | Each   | Per 10  | Per 100 |
|---|--------|---------|---------|
| Bungei Grafted, 5 to 6 feet.....        | \$1.25 | \$10.00 | ....    |
| " 6 to 8 feet.....                      | 1.50   | 12.50   | ....    |
| Selected, \$2.50 to \$4.00 each.        |        |         |         |
| Bungei Dwarf, 3 to 4 feet.....          | .85    | 7.50    | ....    |
| Speciosa, 6 to 8 feet.....              | .60    | 5.00    | 45.00   |
| " 8 to 10 feet.....                     | .85    | 7.00    | 60.00   |
| " 15 to 18 in. (Per 1000, \$7.50)...    | .60    | 1.50    |         |
| Larger selected, \$1.50 to \$3.50 each. |        |         |         |

**Catalpa Bungei.** (Umbrella Catalpa.) Grafted on stems 5 to 8 feet high, it makes an umbrella-shaped top without pruning. Perfectly hardy, and flourishes in almost all soils and climates. Leaves large, glossy, heart-shaped, deep green, lying like shingles on a roof; always making a symmetrical head. One of the most unique trees; desirable for lawn, park and cemetery planting.

**Dwarf Bungei.** Worked low; making an exceedingly handsome dwarf specimen, with all the wealth of green foliage found in the standard form, clear to the ground.

**Catalpa Speciosa.** One of the most rapid growers. Valuable for timber, fence posts, railroad ties, etc., possessing wonderful durability. Large heart-shaped, downy leaves, and compound panicles of white flowers, tinged with violet and dotted with purple and yellow. Very ornamental and useful. Mail size, 15 cts.; 10 for 50 cts.; 100 for \$2.50.

**BIRD CHERRY**

**Prunus Padus.** A handsome flowering tree, bearing long clusters of white flowers in May, followed by bright red fruit, much beloved by birds. It is one of the earliest trees to leaf out in the spring. 6 to 8 feet, 75 cts.

**FLOWERING CHERRIES**

**Double White.** A charming small tree with branches completely covered with a mass of large double white flowers in May. 5 to 6 feet, \$1.50; 10 for \$12.50.

**Japan Flowering.** The famous ornamental flowering cherries of Japan. Make beautiful specimens, blooming usually in profuse panicles. Trees top worked on 4 to 6 feet stems. \$1.75 each.

## FLOWERING CHERRIES (Continued)

**Japan Weeping.** A weeping form worked on 4 to 6 feet stems, the pendulous limbs drooping to the ground. A beautiful object when covered with its rosy masses of bloom in early spring. \$2.00 each.

**Rhexi fl. pl.**

A pretty dwarf tree with rose-like double white flowers completely covering the tree in May. 3 to 4 feet, \$1.00. 4 to 5 feet, \$1.25.



Japan Weeping Cherry

## CORNUS (Dogwood)

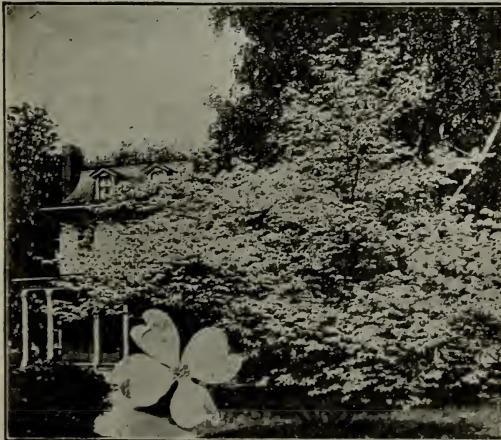
**Cornus Florida.** (White Flowering Dogwood.)

Flowers white, 3 to 3½ inches in diameter, produced in spring before leaves appear; very abundant, showy and durable. Foliage grayish green, glossy and handsome; in the autumn turns to deep red. Spreading, irregular form, growing 20 to 25 feet high. 3 to 4 feet, 85 cts.; 10 for \$7.00. 4 to 5 feet, \$1.00; 10 for \$8.50. 5 to 6 feet, \$1.25; 10 for \$10.00. Mail size, 40 cts each; 3 for \$1.00.

**Cornus Florida Rubra.** (Red-flowering Dogwood.)

A rare variety, similar to above, with handsome red flowers. 2 to 3 feet, \$1.25; 10 for \$10.00. 3 to 4 feet, \$1.75; 10 for \$15.00.

**Welch's Variegated Cornus.** The leaves are beautifully blotched, tinted and bordered creamy white in early spring, changing to carmine centre and crimson margin in mid-summer and fall, holding its magnificent coloring the entire season. The best variegated leaved tree that will thrive in our climate. 2 to 3 feet, \$2.00. 4 to 6 feet, \$3.00.



Cornus Florida

## THE FLOWERING CRABS

**Atrosanguinea.** The buds are deep purplish red before opening; the entire flower red with a purplish tinge. 3 to 4 feet, 85 cts. 4 to 5 feet, \$1.00.

**Floribunda.** A large shrub or small tree, often thorny, with rose-red flowers borne in great profusion in May. The fruit is red and very small, on long stems. 3 to 4 feet, 85 cts. 4 to 5 feet, \$1.00.



Bechtel's Flowering Crab

**Bechtel's.** Makes a medium-sized tree; perfectly hardy, succeeds well in all soils not extremely wet. When in bloom appears to be covered with delicate pink, perfectly double small roses of delicious fragrance. The only sweet-scented Double Crab. 2 to 3 feet, 75 cts.; 10 for \$6.50. 3 to 4 feet, \$1.00; 10 for \$8.50. Mail size, 40 cts.; 3 for \$1.00.

**Parkmani.** (Halliana.) An elegant Japanese dwarf with long-stemmed, semi-double flowers of deep rose color wreathing its branches. It makes a fine, compact growth with deep green leaves. The buds are long and handsome. 2 to 3 feet, \$1.00.

## EVONYMUS EUROPAEUS

(European Spindle Tree.) A large shrub or small tree, growing to 15 feet. In spring it is covered with a wealth of bright yellow flowers in nodding clusters, followed by brilliant rose-colored berries, which hang in clusters from the branches till mid-winter. The leaves color a beautiful crimson-scarlet in fall. Stems and leaves are always a dark, polish-green. 3 to 4 feet, 50 cts.



The lofty American Elm



An old Camperdown Weeping Elm

## ELMS

| PRICE OF ELMS.                             | Each   | Per 10 | Per 100 |
|--|--------|--------|---------|
| American, 6 to 8 feet.....                 | \$ .85 | \$7.50 | \$65.00 |
| " 8 to 10 feet.....                        | 1.00   | 8.50   | 75.00   |
| " 10 to 12 feet.....                       | 1.35   | 11.50  | 100.00  |
| Camperdown Weeping.....                    | 1.75   |        |         |
| English, 6 to 8 feet.....                  | 1.25   | 10.00  |         |
| " 8 to 10 feet.....                        | 1.50   | 12.50  |         |
| Scotch, 6 to 8 feet.....                   | .90    | 8.00   |         |
| " 8 to 10 feet.....                        | 1.10   | 9.00   |         |
| " 10 to 12 feet.....                       | 1.35   | 11.00  |         |
| Wheatleyi, 6 to 8 feet.....                | 1.25   |        |         |
| " 8 to 10 feet.....                        | 1.50   |        |         |
| Selected specimens, \$2.00 to \$5.00 each. |        |        |         |

**American.** A noble native tree of large size, wide spreading head and graceful drooping branches. One of the grandest park and street trees, and superb on a distant skyline. Mail size, 25 cts.; 5 for \$1.00.

**Camperdown.** Leaves are large, glossy dark green. Its vigorous, irregular branches, which have a uniform weeping habit, overlap so regularly that a compact, roof-like head is formed. A strong, vigorous grower, susceptible to training into picturesque form, and considerable utility for canopy shade. The finest Weeping Elm and one of the best weeping trees. \$1.75 each.

**English.** More densely branched than the American, and not quite so tall, with smaller, darker leaves, retained longer in autumn. Branches project from the trunk almost at right angles.

**Scotch.** A rapid-growing, spreading avenue tree with large, rough, dark green leaves.

**Wheatleyi.** A choice variety for lawn specimens; of compact, upright habit and richly dark green foliage; somewhat under medium size.

**HACKBERRY.** Its light green leaves are glossy, pointed, almost entirely free from insects; the branches spread horizontally, forming a wide, elm-shaped head of medium size. Vigorous, hardy and healthy, thriving in all soils. 6 to 8 feet, \$1.00.

**HONEY LOCUST.** A large, vigorous tree, with wide-spreading branches, feathery, fern-like leaves, and a stout armament of thorns. Makes a fine defensive hedge. 4 to 6 feet, 65 cts. 1 year, 12 to 18 inches, \$1.25 per 100; \$10.00 per 1000.

**Thornless Honey Locust.** (Inermis.) A handsome tree of slenderer habit, almost spineless, and therefore more suitable for lawns. Size and fruit same as the former. 4 to 6 feet, 90 cts.

## HORSE CHESTNUTS

**Dwarf.** A handsome dwarf species of Horse Chestnut that forms a broad, round bush of deep green, beautiful with upright spikes of white flowers in mid-summer. A most effective and striking shrub. 2 to 3 feet, \$1.25.



Horse Chestnut

**White Flowering.** The well-known European species; very handsome with magnificent spikes of white flowers borne in great profusion, and sweetly scented. As a lawn tree it is one of the most attractive; furnishes an even spread and dense shade. 6 to 8 feet, \$1.25;

10 for \$10.00. 8 to 10 feet, \$1.75; 10 for \$15.00. Mail size, 50 cts. Large specimens, \$2.50 to \$5.00 each.

**Double White Flowering.** Superb variety, 60 to 80 feet tall, with large panicles of double flowers, like Hyacinth trusses in effect. Has no nuts to litter the lawn. 6 to 8 feet, \$2.50.

**HORNBEAM European.** A very hardy ornamental tree with dense round head. Stands severe pruning without detriment and is remarkably free from the attacks of insects. 4 to 6 feet, 85 cts.

**IRONWOOD.** (Hop Hornbeam.) A graceful, birch-like tree of small to medium size, rarely over 30 feet, and slow growth. The bark is beautifully furrowed, the fruits clustered like hops. Valuable for dry situations. 3 to 4 feet, \$1.00.

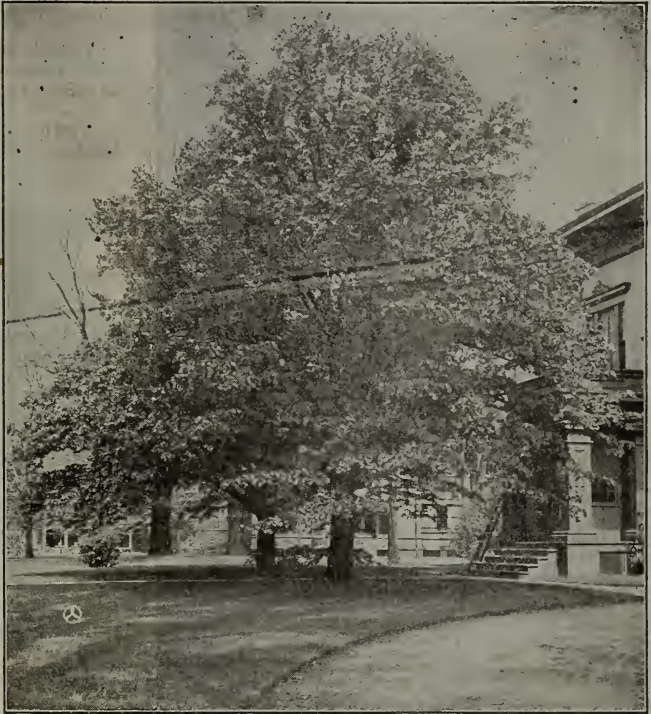
**JUDAS TREE.** (Red Bud.) A small growing tree of irregular form, with heart-shaped leaves. It is covered with delicate pink blossoms early in spring before the leaves appear. 4 to 5 feet, 75 cts.; 10 for \$6.00. 5 to 6 feet, \$1.00; 10 for \$8.50.

**KOELREUTERIA Paniculata.** (Varnish Tree.) A rare tree, 25 to 30 feet high, showy in July, when spangled with foot-long clusters of golden yellow flowers and in autumn when foliage colors to crimson and gold. 4 to 5 feet, \$1.00.

**LARCH, European.** A tall deciduous conifer, with tapering trunk, pyramidal head, and drooping twigs. Particularly beautiful in early spring, when covered with soft and plummy foliage of a delicate green. 4 to 6 feet, \$1.00; 10 for \$8.50. 6 to 8 feet, \$1.35.

**LIQUIDAMBAR.** (Sweet Gum.) A narrowly ovate head, formed of short, corky-winged branches and masses of star-shaped, lustrous leaves that color to intense crimson-scarlet in fall; picturesque in winter with its odd swinging seed balls and corkwinged branches. 4 to 6 feet, \$1.25; 10 for \$10.00.

**LOCUST, Black.** A native tree of large size and rapid growth. Flowers in long white racemes, very fragrant. Valuable for timber; like the Catalpa, is being largely planted for timber, posts, etc. 1 year, by mail, 15 cts.; 10 for 50 cts.; 100 for \$2.00. By express or freight, 1 year, \$1.00 per 100; \$7.50 per 1000. 4 to 6 feet, 50 cts.; 10 for \$4.00. 6 to 8 feet, 60 cts.; 10 for \$5.00.



European Linden

## LINDENS

**American.** A stately tree, growing 60 to 80 feet tall, with large, shining cordate leaves. Valuable for its beautiful white wood. Its flowers appear in July.



European Larch

|                    | Each   | Per 10  |
|--------------------|--------|---------|
| 8 to 10 feet.....  | \$1.50 | \$12.50 |
| 10 to 12 feet..... | 2.00   | 17.50   |

**European.** A fine pyramidal tree, with large leaves and fragrant flowers. Largely used for street and ornamental planting, developing into beautiful specimens.

|                    | Each   | Per 10  | Per 100  |
|--------------------|--------|---------|----------|
| 6 to 8 feet.....   | \$1.00 | \$ 8.50 | .....    |
| 8 to 10.....       | 1.25   | 10.00   | \$ 85.00 |
| 10 to 12 feet..... | 1.50   | 13.50   | 125.00   |

**Gold Twig.** A handsome variety, with bright yellow bark covering the branches, giving it a conspicuously pleasing appearance. 8 to 10 feet, \$2.00.

**Silver.** (European White-Leaved.) A vigorous tree; medium size, pyramidal form. Its handsome form, growth and foliage make it one of the finest ornamental trees. 6 to 8 feet, \$1.50. 8 to 10 feet, \$2.25.

**Selected specimens above Lindens, \$2.00 to \$5.00 each.**

**Weeping.** (White Leaved.) An elegant medium-sized tree 50 to 75 feet tall, of gracefully pendulous habit, that holds its large, silver-lined leaves through the season. Hardy, grows fast, and is quite striking. 4 to 6 feet, \$1.75.

**MAGNOLIA Acuminata.** (Cucumber Tree.) The tallest of all the species, growing rapidly into a fine pyramidal tree 60 to 90 feet high. In midsummer large, creamy white blossoms appear among its deep green leaves, and large, cucumber-shaped fruits that turn bright crimson succeed them. 4 to 6 feet, \$1.00. 6 to 8 feet, \$1.50.

**Magnolia Glauca.** (Sweet Bay.) When planted in moist soil this makes a handsome tree, 30 to 40 feet high. Its leaves are glossy, laurel-like, almost evergreen. In June its pure white flower cups are lovely and fragrant. 2 to 3 feet, \$1.25; 10 for \$10.00. 3 to 4 feet, \$1.50; 10 for \$12.50.

**Magnolia Tripetala.** Named from the whorled arrangement of its great, glossy leaves. The white flowers, also of great size, open in June and are followed by rose-colored fruit cones. Tree grows to 40 feet. 4 to 6 feet, \$1.50.



Magnolia—Soulangeana

**IMPORTED MAGNOLIAS**

**Strong bushy trees well set with buds, imported from Holland with original ball of earth.**

Large showy white, pink and purple flowers cover the trees in early spring before the leaves appear.

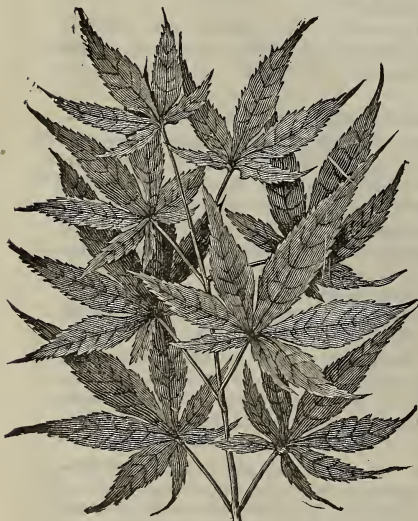
3 to 4 feet, \$3.00. 4 to 5 feet, \$3.75.

**Alba Superba.** (Conspicua.) Superb pure white flowers. 3 to 4 feet only.

**Lennei.** A hybrid variety of great beauty, the flowers of a deep rose-color; foliage tropical and heavy.

**Soulangeana.** One of the hardiest and finest. Its blossoms are from 3 to 5 inches across, cup-shaped, white and rosy violet.

**Speciosa.** Flowers a trifle smaller and lighter colored than Soulangeana's; opening about a week later and remaining perfect longer.



Japan Maples

**MAPLES**

Probably no shade tree is so well known, more generally planted or so popularly loved as the Maple in its varied, but altogether charming and useful types.

| PRICE OF MAPLES.                  |        |        |         |
|-----------------------------------|--------|--------|---------|
|                                   | Each   | Per 10 | Per 100 |
| Ash-leaved, 6 to 8 feet.....      | \$ .75 | \$6.00 | \$50.00 |
| " 8 to 10 feet.....               | .85    | 7.00   | 60.00   |
| " 10 to 12 feet.....              | 1.25   | 10.00  | 85.00   |
| Colchicum Rubrum, 4 to 6 feet...  | 1.25   | .....  | .....   |
| Cork-barked, 4 to 6 feet.....     | 1.25   | 10.00  | .....   |
| " 6 to 8 feet.....                | 1.50   | .....  | .....   |
| Japan Atropurpureum, 2 to 3 feet. | 2.00   | .....  | .....   |
| " 3 to 4 feet.                    | 3.00   | .....  | .....   |
| " Dissectum, 1½ to 2 feet...      | 2.25   | .....  | .....   |
| Norway, 6 to 8 feet.....          | 1.00   | 8.50   | 75.00   |
| " 8 to 10 feet.....               | 1.25   | 10.00  | 90.00   |
| " 10 to 12 feet.....              | 1.50   | 13.50  | 110.00  |
| Schwedleri, 6 to 8 feet.....      | 1.75   | 15.00  | .....   |
| " 8 to 10 feet.....               | 2.25   | 20.00  | .....   |
| Silver-leaved, 6 to 8 feet.....   | .75    | 6.00   | 50.00   |
| " 8 to 10 feet.....               | .90    | 7.50   | 60.00   |
| " 10 to 12 feet.....              | 1.25   | 10.00  | 85.00   |
| Sugar or Rock, 6 to 8 feet.....   | 1.00   | 8.50   | 75.00   |
| " " 8 to 10 feet.....             | 1.25   | 10.00  | 90.00   |
| " " 10 to 12 feet.....            | 1.50   | 13.50  | 110.00  |
| Sycamore, 6 to 8 feet.....        | 1.25   | 10.00  | .....   |
| " 8 to 10 feet.....               | 1.50   | 12.50  | .....   |
| " Purple-leaved, 8 to 10 feet.    | 1.75   | .....  | .....   |
| Tartarian Ginnala, 2 to 3 feet... | .50    | .....  | .....   |
| " 3 to 4 feet...                  | .75    | .....  | .....   |
| Wier's Cut-leaved, 6 to 8 feet... | 1.00   | 8.50   | .....   |
| " 8 to 10 feet...                 | 1.50   | 12.50  | .....   |
| " 10 to 12 feet...                | 1.75   | 15.00  | .....   |

Can furnish select large size specimen trees of most varieties of Maples at from \$2.00 to \$6.00 each.

**Ash-Leaved.** (Box Elder.) A fine, rapid-growing variety; with handsome, light green foliage and spreading head, very hardy; desirable for street planting and succeeds in many sections where other varieties do not thrive.

**Colchicum Rubrum.** Not a large tree, but of perfectly oval shape; with handsome 5 to 7 lobed leaves which are deep blood-red at time of unfolding.

**Cork Barked.** Rather a small tree, with dark, dull green leaves, fading to brown and yellow. Has corky ridges on the branches. Very interesting when grown as a large shrub.

**Japan Maples.** Dwarf trees of picturesque formation and beautifully lobed, large leaves. We offer the **Atropurpureum**, richly colored purplish red; and **Dissectum** with finely cut bright colored foliage.

**Norway.** Native of Europe; a large handsome tree, with broad, deep green shining foliage. Very desirable for street, park or lawns. The Norway Maple characteristically makes the roundest head; is colored the deepest, coolest green; and furnishes the densest shade of the entire list of good trees. Its growth is slow compared to the Soft Maples, Sycamores or Poplars; but its ultimate beauty, hardness and longevity is worth waiting on.

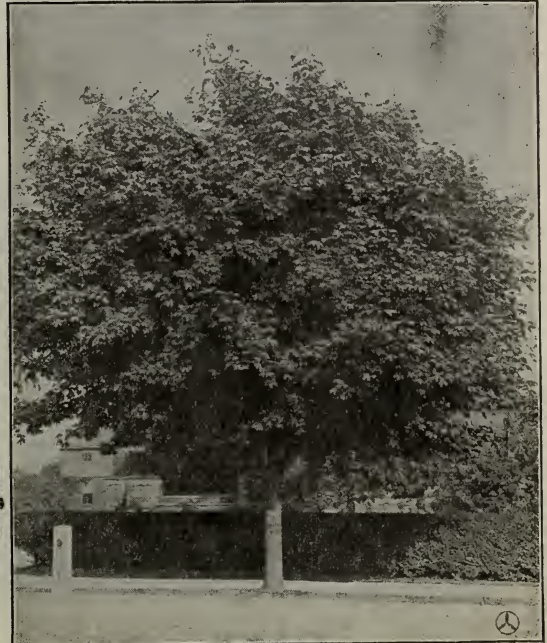
**Schwedleri.** The Purple Norway Maple's beautiful leaves attract attention at all seasons, but are especially fine in spring, when their gleaming red and purple contrasts brightly with the delicate green of other trees. In mid-summer they are purplish green, in autumn golden yellow.

**Silver.** A hardy, rapid-growing native tree of large size. Valuable for producing a quick shade. Excellent for street planting. Its roots are rather close to the surface, and are apt to interfere with shrubbery or plants set too close beneath its spread.

## MAPLES (Continued)



Schwedleri Maple



Norway Maple

(See page 166)

**Sugar or Rock Maple.** Chieftain of its clan—straight, spreading, symmetrical; of grand proportions, often 120 feet in height; and longer-lived than most men who plant it. It grows well in all except damp, soggy soils, and roots deeply, allowing the grass to grow close about its trunk. Its bold leaves have very rich autumn tints of clear-yellow and scarlet. Sugar Maple groves are among the most valued and profitable assets on many a farm; the delicious "syrup" and caked sugar rarely being in surplus on the markets.

**Sycamore Maple.** A broad, handsome tree of medium size, rarely over 60 feet high, with larger, darker leaves than other Maples. Casts a dense cool shade.

**Purple-Leaved Sycamore Maple.** A purplish tone is imparted to the tree by the purple under-surface of its leaves; the effect being very fine when the leaves are in motion.

**Tartarian Ginnala.** (Siberian Maple.) More like a large shrub, with three-lobed leaves and flowers in long panicles. Foliage turns bright red in autumn. Sometimes used as a substitute for the Japanese Maples.

**Wier's Cut-Leaved.** Silver Maple with remarkable and beautifully dissected foliage; shoots slender and drooping. Of rapid growth; makes a large tree if undisturbed, will bear any amount of pruning; adapted to small lawns.

## MOUNTAIN ASH

**European.** Hardy tree; head dense and regular, beautiful fern-like green foliage; covered from July till winter with clusters of bright red berries. The combination of foliage and clustered fruits makes this one of the most striking and beautiful trees that grow. 6 to 8 feet, \$1.00; 10 for \$8.50.

**Oak-Leaved.** Dark lobed, oak-shaped leaves, downy beneath. Produces berries freely. 4 to 6 feet, \$1.00; 10 for \$8.50.

## ORNAMENTAL MULBERRIES

**Tea's Weeping.** The most graceful and hardy weeping tree in existence. Forms a perfect shaped head, with long, slender, willowy branches, drooping to the ground. In light, airy gracefulness, delicacy of form and motion, it is without a rival. It has beautiful foliage, is hardy, safe and easy to transplant. Admirably adapted for small or large grounds, or for cemetery planting. \$2.00.



**Meehan's Globe.** An entirely new introduction as hardy as Tea's Weeping, making a globe-shaped head of similar form to Catalpa Bungei, better and more attractive than that well known tree. Sure to have wide popularity. Grafted on stems 5 to 6 feet, \$2.00.

**The Fruit-Bearing Mulberries** are listed separately on Page 147; but aside from their commercial value, are used freely for ornamental purposes on account of their large, handsome foliage, dense shade and fine, compact growth.

## OXYDENDRON

**Arboreum.** (Sourwood.) A small tree with spreading slender branches. Leaves bright green, fired in autumn with dazzling tones of scarlet. Flowers pure white in racemes resembling Lily-of-the-Valley. 3 to 4 feet, \$1.00.



Pin Oak

## OAKS

**Black.** A tall shapely tree with round topped head.

Leaves shining dark green turning to orange and dull red in autumn. A handsome tree. 6 to 8 feet, \$2.

**Bur or Mossy Cup.** Of massive, open growth, 80 to 120 feet high, with moss-fringed acorns, large, heavy leaves and deeply corrugated bark. 6 to 8 feet, \$2.00.

**English.** A broad, spreading, graceful tree, of slow growth, reaching the mighty stature of 120 feet, and remaining vigorous and beautiful for centuries. 6 to 8 feet, \$2.50.

**Pin.** Almost pyramidal in habit, and described as half-weeping when old, because its lower branches touch the ground. It grows faster and develops the family characteristics earlier than most Oaks. It grows 60 to 80 feet. The leaves are deep green, glossy, and finely divided; orange-scarlet in fall. 4 to 6 feet, \$1.25; 10 for \$10.00. 6 to 8 feet, \$1.75; 10 for \$15.00. 8 to 10 feet, \$2.25; 10 for \$20.00.

**Pyramidal.** A distinct, handsome form, with upright branches, forming a narrow columnar head. Green until late in fall. 4 to 6 feet, \$2.00.

**Red.** A large tree, 80 to 100 feet tall, unusually large in leaf and quick in growth. The young shoots and leaf-stems are red, the foliage purplish crimson in autumn. A most beautiful object on the lawn. 6 to 8 feet, \$1.75 each; 10 for \$15.00; 8 to 10 feet, \$2.00 each; 10 for \$17.50.

**Scarlet.** A grand tree. 60 to 80 feet high, with bright green deeply cut leaves that color to sparkling red in fall. 4 to 6 feet, \$1.50 each; 10 for \$12.50.

**Turkey.** A large tree with wide spreading branches. 6 to 8 feet, \$2.00 each.

**Selected specimens above varieties of Oaks, \$3.00 to \$5.00 each.**

**FLOWERING PEACH, Double—Red and White.**

A most beautiful small tree rarely over 20 feet tall; at its blossoming time in May every twig and branch bright with beautifully formed flowers. Mail size, each color, 30 cts.; 4 for \$1.00. 2 to 3 feet, 40 cts.; 10 for \$3.00. 3 to 4 feet, 50 cts.; 10 for \$4.00.

## POPLARS

| PRICE OF POPLARS.                      |        | Each   | Per 10  | Per 100 |
|--|--------|--------|---------|---------|
| Carolina and Lombardy, 6 to 8 ft..     | \$ .50 | \$4.00 | \$30.00 |         |
| " " " 8 to 10 ft.                      | .60    | 5.00   | 40.00   |         |
| " " " 10 to 12 ft.                     | .75    | 6.00   | 50.00   |         |
| Aurea (Golden), 6 to 8 feet.....       | .60    | 5.00   | .....   |         |
| " " 8 to 10 feet.....                  | .75    | 6.00   | .....   |         |
| Bolleana (Silver-leaf), 6 to 8 feet... | .75    | 6.00   | .....   |         |
| " " 8 to 10 feet.                      | .90    | 7.50   | .....   |         |
| Balsam, 6 to 8 feet.....               | .40    | 3.50   | 30.00   |         |
| " 8 to 10 feet.....                    | .60    | 5.00   | 40.00   |         |
| " 10 to 12 feet.....                   | .75    | 6.00   | 50.00   |         |

**Aurea.** Fine golden yellow foliage, retaining its brilliancy throughout the season. Mail size, 25 cts.; 5 for \$1.00.

**Balsam.** (Balm of Gilead.) A remarkably rapid growing tree, with luxuriant, glossy foliage. Mail size, 25 cts.; 5 for \$1.00.

**Bolleana.** Similar to the well-known Lombardy in habit, but broader with leaves glossy green above, silvery beneath. Will grow to a tall spire 80 feet high.

**Carolina.** A vigorous, native tree of rapid growth, pyramidal in form, with large glossy leaves; valuable for quick shade. Makes a fine spreading head if well cut back the first few seasons; will grow anywhere. Mail size, 25 cts.; 5 for \$1.00.

**Lombardy.** Remarkable for its picturesque, tall, spire-like form, useful in landscape effects. Mail size, 25 cts.; 5 for \$1.00.

**Weeping.** (Parasol de St. Julien.) A rather stiff upright tree, 30 to 40 feet high, the branches of which take on a curiously zig-zag direction and droop toward the ground from a neat, round head. \$1.25.

**PTELEA Trifoliata.** (Hop Tree.) Small trees, 15 to 25 feet high, with glossy, trifoliate leaves that exhale a hop-like odor when bruised. This odor is even more noticeable in the seeds, which hang in hop-like, light green clusters after the leaves have fallen in autumn. 3 to 4 feet, 35 cts.; 10 for \$2.50. 4 to 6 feet, 40 cts.; 10 for \$3.00. 6 to 8 feet, 60 cts.; 10 for \$5.00.

**ROSE ACACIA.** (Moss Locust.) An elegant shrub, with light green pinnate leaves and long, graceful clusters of pea-shaped, rose-colored flowers in June, often throughout the summer. **Own roots** (bush shape), 2 to 3 feet, 50 cts.; 10 for \$4.00. 3 to 4 feet, 60 cts.; 10 for \$5.00. **Standard** (top worked), 3 to 4 feet, \$1.00. 4 to 5 feet, \$1.50.

**RUSSIAN OLIVE.** Tree attains a height of from 20 to 30 feet, bark dark green, wood very heavy and burns like a candle (called by some the European Candle Tree), foliage rich silver color, willow shape; flowers deep golden and very fragrant; hardy. It is a beautiful silver shaded tree. 2 to 3 feet, 35 cts.; 10 for \$2.50. 3 to 4 feet, 40 cts.; 10 for \$3.00.

**SALISBURIA.** (Maiden Hair.) A rare, elegant tree from Japan with singular foliage, unlike that of any other tree; almost fern-like, of free growth; in every way desirable. 6 to 8 feet, \$1.00; 10 for \$8.50. 8 to 10 feet, \$1.25; 10 for \$10.00. 10 to 12 feet, \$1.50; 10 for \$12.50. Specimen trees, \$2.50 to \$4.00 each.

**SASSAFRAS.** A really handsome medium-sized tree, 30 to 50 feet high, with fragrant, light green foliage and bark. Its small yellow flowers are attractive in early spring, and followed later by dark blue fruits. Grows well even on thin soils. 3 to 4 feet, \$1.00. 4 to 5 feet, \$1.25.

**SOPHORA JAPONICA.** (Japan Pagoda Tree.) An odd and unique specimen tree, 40 to 60 feet high, so different from other trees in style of growth that it always attracts attention. Its short branches form a dense, round head. In August, its shining green leaves are decked with clusters of white blossoms. 3 to 4 feet, \$1.00.



An Avenue of European Sycamores

**European Sycamore.** (Oriental Plane.) A lofty, wide-spreading tree; heart-shaped leaves; valuable for its handsome foliage and free growth; not as subject to disease as our native species. Makes a fine street tree. Mail size, 30 cts.; 4 for \$1.00. Each Per 10 Per 100  
6 to 8 feet.....\$.75 \$6.00 \$50.00  
8 to 10 feet......90 7.50 65.00  
10 to 12 feet.....1.25 10.00 90.00

## FLOWERING THORNS



Double Thorns

**Paul's Double Scarlet.** Flowers deep crimson, with scarlet shade; very double.  
**Double White.** Small double, daisy-like flowers in clusters.  
**Double Pink,** same as white, with pink flowers.  
**Cockspur** (Crataegus Crusgalli.) An exceedingly pretty dwarf tree, with widely extended horizontal branches, which gives it a flat-topped effect. The leaves are thick, glossy, semi-persistent, coloring to rich orange and scarlet in fall; flowers profuse, white, with tinge of red, opening in May; fruits scarlet, persistent until spring.

|                                      | Each   | Per 10 |
|--------------------------------------|--------|--------|
| Scarlet, Pink and White, 3 to 4 feet | \$0.75 | \$6.00 |
| " " " 4 to 5 feet                    | 1.00   | 8.50   |
| Cockspur, 3 to 4 feet                | .85    | 7.00   |
| " 4 to 5 feet                        | 1.00   | 8.50   |

**Tulip Tree** (Whitewood.) One of the grandest of our native trees; of tall pyramidal habit, with broad, glossy fiddle-shaped leaves and beautiful tulip-like flowers; allied to the Magnolia. 4 to 6 feet, 75 cts.; 10 for \$6.00. 6 to 8 feet, \$1.00; 10 for \$8.50.

## WILLOWS



**PRICE OF WILLOWS.**

|                                      | Each  | Per 10 | Per 100 |
|--------------------------------------|-------|--------|---------|
| Gold Bark, 6 to 8 feet.....          | \$.50 | \$4.00 | \$35.00 |
| " " 8 to 10 feet.....                | .60   | 5.00   | 40.00   |
| Laurel leaved, 6 to 8 feet.....      | .50   | 4.00   | 35.00   |
| " " 8 to 10 feet.....                | .60   | 5.00   | 40.00   |
| " " 10 to 12 feet.....               | .75   | 6.00   | 50.00   |
| Royal, Silver leaf, 4 to 6 feet..... | .60   | 5.00   | .....   |
| " " 6 to 8 feet.....                 | .75   | 6.00   | .....   |
| Wentworth, 6 to 8 feet.....          | .50   | 4.00   | 35.00   |
| " 8 to 10 feet.....                  | .60   | 5.00   | 40.00   |
| Babylonica, 6 to 8 feet.....         | .60   | 5.00   | 40.00   |
| " 8 to 10 feet.....                  | .75   | 6.00   | 50.00   |
| ThurLOW (Elegantissima) 8 to 10 ft.  | .60   | 5.00   | 40.00   |
| " 10 to 12 ft.                       | .75   | 6.00   | 50.00   |
| Wisconsin, 6 to 8 feet.....          | .50   | 4.00   | 35.00   |
| " 8 to 10 feet.....                  | .60   | 5.00   | 40.00   |
| " 10 to 12 feet.....                 | .75   | 6.00   | 50.00   |

**Golden.** Showy variety with golden bark of high color, making it very conspicuous during winter. A handsome tree at all seasons. Mail size, 35 cts.; 4 for \$1.00.  
**Laurel-Leaved.** A splendid ornamental small tree, with large, glossy, laurel-like leaves, whence its name. Mail size, 35 cts.; 4 for \$1.00.  
**Royal or Silver.** A large tree, sometimes 100 feet high, with short and thick trunk and yellowish brown branches. The foliage is ashy gray and silvery, giving a white appearance to the whole tree.  
**Wentworth.** One of the tall, rapid, upright growing varieties, with bright red bark. Mail size, 35 cts.; 4 for \$1.00.  
**Babylonica.** (Weeping.) A well-known and most graceful tree of large size. Its fresh, bright green tint and long wavy branches make it very attractive.  
**ThurLOW's.** (Weeping.) Larger and more spreading than the Babylonian form, and hardier, but similar in foliage and grayish green bark.  
**Wisconsin.** (Weeping.) A large tree with long, drooping branches, similar to the Babylonica, but much hardier. Mail size, 35 cts.; 4 for \$1.00.  
**Yellow Wood.** One of the most beautiful medium-sized native flowering trees, growing to 50 feet. It has a short trunk and wide, rounded head of handsome foliage that colors clear yellow in fall. In June it is showy and fragrant, with long, drooping racemes of pure white, pea-shaped flowers. 4 to 5 feet, \$1.25.



## EVERGREEN TREES

Evergreens are used for specimens on lawns, also extensively for massing, shelter-belts, screens, hedges, etc. They form perfect backgrounds for the flowering shrubs of early spring, the berries of autumn and winter's tracery of bright bark and twigs. Beautiful beds of permanent color are formed by grouping together sorts of moderate growth, with contrasting foliage—golden, golden green, silver-blue, rich, dark and delicate green, with bright-berried sorts interspersed. Other new uses are for filling window-boxes, and growing evergreens in tubs for hall and porch plants.

Our evergreens are all carefully grown, at good distances for symmetrical development, are root- and top-pruned into handsome, shapely specimens that will transplant successfully to new homes with ordinary care. We pack them so that the root-fibers are well protected and will reach their destination in good growing condition. If planters will continue this care to keep the fibers from drying out by exposure to air and sun until the stock is planted, success is reasonably sure.

Planting season for fall from about August 15 to October 10; for spring from April 10 to May 15, depending on season and locality. We have selected specimens in many varieties on which we shall be glad to quote prices on receipt of list, stating kinds, sizes and numbers wanted.

Trees dug with ball of earth about the roots and tightly sewed in burlap will stand transportation and transplanting with little risk of loss. In planting it is not necessary to remove the burlap. Place tree in properly prepared hole, cut burlap in several places, firm earth tightly about ball of roots, water, and mulch with leaves, straw or other coarse litter. If trees are wanted balled, add 10 cts. each for 1½ to 2 feet; 12 cts. each for 2 to 3 feet; 15 cts. each for 3 to 4 feet; 20 cts. each for 4 to 5 feet; 30 cts. each for 5 to 6 feet.

Except noted, all prices following are for trees without "ball," delivered at Painesville freight or express office. Varieties offered in "Mail Size" are priced for mail delivery, postage paid, to your post office.

### ARBOR VITÆ—Thuya

**American.** (White Cedar.) Erect, pyramidal habit with soft light green foliage, dense from ground up; grows rapidly and soon forms a most beautiful hedge, for which purpose it is one of the best Evergreens—or for any other purpose. Mail size, 15 cts.; 8 for \$1.00; 100 for \$6.00.

|                    | Each   | Per 10 | Per 100 |
|--------------------|--------|--------|---------|
| 10 to 12 inch..... | \$ .25 | \$2.00 | \$14.00 |
| 2 to 3 feet.....   | 1.00   | 8.50   | 75.00   |
| 3 to 4 feet.....   | 1.50   | 13.50  | 110.00  |

**Compacta.** (Parsons.) Dwarf, dense little trees with light green foliage, neat and attractive. Useful for beds, borders, cemeteries or low growing hedges.

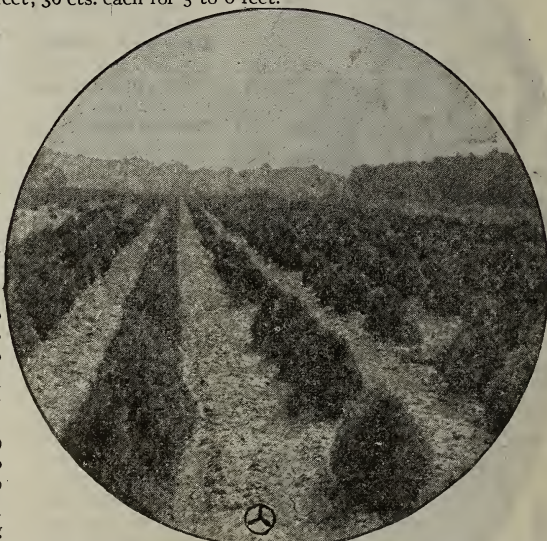
|                                   | Each   | Per 10  |
|-----------------------------------|--------|---------|
| Mail size, 40 cts.; 3 for \$1.00. |        |         |
| 15 to 18 inches.....              | \$ .85 | \$ 7.50 |
| 18 to 24 inches.....              | 1.25   | 10.00   |

**Douglass Golden.** One of the hardiest of all golden evergreens. Broad and bushy growth with long slender branches and bright yellow foliage.

1½ to 2 feet, \$1.75. 2 to 3 feet, \$2.50.

**Ellwangeriana.** A low, broad pyramid with slender branches; intermediate in foliage between *Ericoides* and *American*. Mail size, 40 cts.; 3 for \$1.00.

|                      | Each   | Per 10 |
|----------------------|--------|--------|
| 15 to 18 inches..... | \$ .75 | \$6.00 |
| 18 to 24 inches..... | 1.00   | 8.00   |



Ellwangers . . . (Arbor Vitae) . . . *Ericoides*

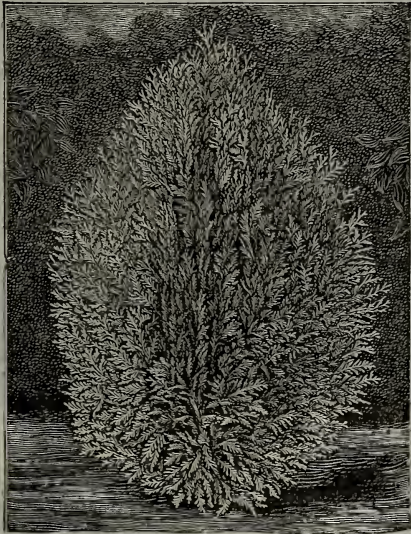
***Ericoides.*** (Heath-Leaved Arbor Vitae.) A very pretty dense little shrub of the Tom Thumb type. Mail size, 40 cts.; 3 for \$1.00.

|                    | Each   | Per 10  |
|--------------------|--------|---------|
| 15 to 18 inch..... | \$ .60 | \$ 5.00 |
| 18 to 24 inch..... | .90    | 7.50    |
| 2 to 3 feet.....   | 1.25   | 10.00   |

# ARBOR VITÆ (Continued)

**George Peabody.** (Lutea.) A beautiful variety, the gold marking diffusing itself more deeply into the foliage than any other. Mail size, 75 cts. Each Per 10  
 2 to 3 feet..... \$2.50 \$22.50  
 3 to 4 feet..... 3.50 .....

**Globosa.** Forms a dense, low globe; handsome shade of green. Mail size, 40 cts. Each Per 10  
 12 to 15 inches..... \$ .75 \$ 6.00  
 15 to 18 inches..... 1.00 8.50



**Hovey's Golden Arbor Vitae**

**Hovey's Golden.** A small, hardy tree, globular in form and very compact; foliage light green with a golden tinge. Mail size, 40 cts.; 3 for \$1.00. Each Per 10  
 1½ to 2 feet..... \$1.25 \$10.00  
 2 to 3 feet..... 2.00 .....

**Oriental.** A low, bushy tree of columnar or pyramidal habit. Native of Asia. Foliage bright green in summer, assuming tones of bronze and brown in winter. Each Per 10  
 1½ to 2 feet..... \$1.25 \$10.00  
 2 to 3 feet..... 2.00 .....

**Pumila.** A handsome dwarf; dense, perfect in form; a charming shade of green. Each Per 10  
 15 to 18 inches..... \$1.00 \$ 8.50  
 18 to 24 inches..... 1.35 11.00

**Pyramidalis.** This exceedingly beautiful Arbor Vitae is the most compact and erect of the entire species, being in form almost a counterpart of the Irish Juniper. Foliage a deep green, retaining color remarkably well through the entire season and perfectly hardy. Mail size, 30 cts.; 4 for \$1.00. Each Per 10  
 2 to 3 feet..... \$1.50 \$12.50  
 3 to 4 feet..... 2.50 22.50

**Siberian.** A superb variety, somewhat similar to American, with heavier and fuller foliage and more compact habit. It holds its color during winter and bears trimming well; one of the hardest. Mail size, 40 cts.; 3 for \$1.00. Each Per 10  
 1½ to 2 feet..... \$1.00 \$8.50 \$75.00  
 2 to 3 feet..... 1.50 13.50 125.00  
 3 to 4 feet..... 2.50 22.50 .....

**Tom Thumb.** A very small, compact evergreen, with very fine foliage. Makes a beautiful ornament for a small yard or cemetery lot; fine for low hedges. Mail size, 40 cts.; 3 for \$1.00. Each Per 10  
 12 to 15 inches..... \$ .60 \$5.00  
 15 to 18 inches..... .90 7.50



**Pyramidal Arbor Vitae**

## FIR—Abies

**Balsam.** (American Silver.) A very regular, symmetrical tree, leaves dark green, silvery beneath. Mail size, 40 cts.; 3 for \$1.00. Each Per 10 Per 100  
 2 to 3 feet..... \$1.10 \$10.00 \$85.00  
 3 to 4 feet..... 1.50 12.50 110.00  
 4 to 5 feet..... 2.25 20.00 .....  
 5 to 6 feet..... 3.50 32.50 .....

**Concolor.** (White Fir.) A picturesque Colorado species; long, leathery leaves, with glaucous tinge when young, becoming pale green with age. Branches arranged in horizontal whorls. A grand tree, making splendid specimens. Mail size, 75 cts. 2 to 3 feet, \$3.00. 3 to 4 feet, \$3.50.



**Concolor Fir**

**FIR (Continued)**

**Concolor Virolea.** A beautiful glaucous form of the Concolor, with dark purple cones.  $1\frac{1}{2}$  to 2 feet, \$1.75. 2 to 3 feet, \$3.00. 3 to 4 feet, \$4.00.

**Fraseri.** (Double Balsam Fir.) Similar to the Balsam Fir, finer habit and darker foliage. A quick growing desirable specimen. 2 to 3 feet, \$1.50. 3 to 4 feet, \$2.50.

**European Silver.** (Pectinata.) A rapid grower of upright habit. Needles dark glossy green, silvery white beneath. 2 to 3 feet, \$1.25; 10 for \$10.00. 3 to 4 feet, \$1.75; 10 for \$15.00.

**Nordmanniana.** A symmetrical and imposing tree; the warm green of the young shoots contrasting finely with the deep color of the old foliage. Mail size, 60 cts.  $1\frac{1}{2}$  to 2 feet, \$1.75; 10 for \$15.00. 2 to 3 feet, \$2.50; 10 for \$22.50.

**JUNIPER—Juniperus**

**Chinensis.** (Chinese Juniper.) Pyramidal or columnar outline, foliage a pleasing grayish green color. Adaptable to extremes of temperature. 2 to 3 feet, \$2.50.

**English.** Makes a dense pyramidal specimen; foliage grayish green. Mail size, 40 cts.  $1\frac{1}{2}$  to 2 feet, \$1.00; 10 for \$8.50. 2 to 3 feet, \$1.50; 10 for \$12.50. 3 to 4 feet, \$2.25; 10 for \$20.00.

**Excelsa.** (Greek Juniper.) A compact pyramidal grower, making tall handsome specimens. Mail size, 40 cts. 2 to 3 feet, \$1.50. 3 to 4 feet, \$2.25.

**Irish.** Erect, formal, compact; foliage deep green. Mail size, 40 cts.; 3 for \$1.00.  $1\frac{1}{2}$  to 2 feet, 90 cts.; 10 for \$7.50. 2 to 3 feet, \$1.25; 10 for \$10.00. 3 to 4 feet, \$1.75; 10 for \$15.00.

**Japan Golden.** Of moderate growth and spreading habit. The attractive golden-hued foliage is constant throughout summer. Mail size, 75 cts. 18 to 24 inches, \$2.50. 2 to 3 feet, \$3.50.

**Pfitzeriana.** A handsome, bushy tree, with delicate foliage borne on long, whip-like branches. Fine for borders. 18 to 24 inches, \$2.00. 2 to 3 feet, \$3.00.

**Savin.** A low, spreading tree, with handsome dark green foliage; very hardy and suitable for lawns and cemeteries; can be pruned to any desired shape. Mail size, 40 cts. 15 to 18 inches, \$1.50.

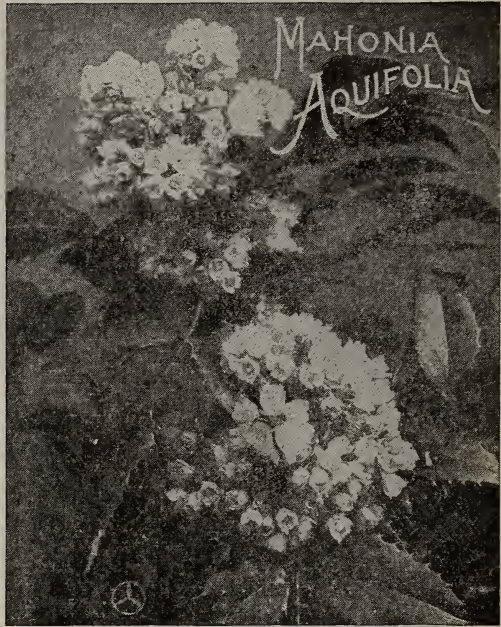
**Stricta.** Conical in form, well branched and densely clothed with grayish-green foliage of uniform shade the entire year.  $1\frac{1}{2}$  to 2 feet, \$1.50.

**Dwarf Swedish.** (Suecica Nana.) Dwarf, compact habit of growth; foliage light green, not changing in winter; perfectly hardy. Mail size, 40 cts.  $1\frac{1}{2}$  to 2 feet, \$1.25; 10 for \$10.00. 2 to 3 feet, \$1.75.

**Virginiana.** (Red Cedar.) A well known American tree, with deep green foliage, varies in habit and color, some being stiff, regular and conical, others loose and irregular. Mail size, 40 cts.; 3 for \$1.00. 2 to 3 feet, \$1.50; 10 for \$12.50. 3 to 4 feet, \$2.25; 10 for \$20.00.

**Virginiana Glauca.** (Blue Va. Cedar.) Its compact conical form and beautiful blue glaucous foliage make it one of the choicest of all Junipers. Mail size, 75 cts. 2 to 3 feet, \$3.00. 3 to 4 feet, \$4.00.

**Virginiana Schottii.** A bushy dense form of Red Cedar with light green foliage. Hardy and beautiful. 2 to 3 feet, \$2.50. 3 to 4 feet, \$3.50.

**MAHONIA**

**Aquifolia.** (Ashberry.) A beautiful shrub, with smooth, shining leaves, covered with bright yellow flowers in May, and a profusion of blue berries in autumn. In fall and winter foliage changes to a scarlet bronze. Mail size, 30 cts.; 4 for \$1.00. 12 to 15 inch, 60 cts. each; 10 for \$5.00. 15 to 18 inch, 75 cts. each; 10 for \$6.00.

**PINE—Pinus**

**Austrian.** Strong, hardy, fine for windbreaks; grows rapidly on light, sandy soil. Mail size, 40 cts.; 3 for \$1.00. 2 to 3 feet, \$1.50 each; 10 for \$12.50. 3 to 4 feet, \$2.50 each; 10 for \$22.50.

**Mugho.** (Dwarf.) Very distinct, leaves short, stiff, a little twisted and thickly distributed over the branches; does not grow tall, but spreads over the ground, generally assuming a globular form; very dense. Mail size, 40 cts.; 3 for \$1.00. 12 to 15 inch, \$1.50; 10 for \$12.50. 15 to 18 inch, \$2.00; 10 for \$17.50. 18 to 24 inch, \$2.50; 10 for \$22.50.

**Mugho Pine****Irish Juniper**

## PINES (Continued)

**Ponderosa.** (Bull Pine.) A lofty tree from our western coast, growing sometimes to 150 feet. Hardy, quick-growing, with long needles of silvery green. 2 to 3 feet, \$2.50.

**Scotch.** Like the Austrian, its quick, strong growth makes it valuable for protective screens; very hardy. Mail size, 40 cts.; 3 for \$1.00.

**White.** (Strobus.) A strong, rapid growing tree; with light, delicate silvery green foliage. Mail size, 40 cts.; 3 for \$1.00.

|                                | Each   | Per 10  | Per 100 |
|--------------------------------|--------|---------|---------|
| Scotch and White, 2 to 3 feet. | \$1.25 | \$10.00 | \$85.00 |
| " " " 3 to 4 feet.             | 1.50   | 12.50   | 110.00  |
| " " " 4 to 5 feet.             | 2.50   | 22.50   | .....   |
| " " " 5 to 6 feet.             | 3.25   | 30.00   | .....   |

## RETINISPORA

**Obtusa.** (Japan Cypress.) A handsome evergreen from Japan. Strong, vigorous grower with horizontal fern-like branches more or less pendulous. Foliage bright, shining green somewhat whitened beneath; very satisfactory and desirable. 1½ to 2 feet, \$1.50. 2 to 3 feet, \$2.50.

**Obtusa Crippsii.** (Golden Japan Cypress.) A beautiful golden form of the above carrying its bright golden color well through the season. 2 to 3 feet, \$3.00.

**Obtusa Gracilis Aurea.** A graceful small tree, the fern-like young shoots of a fine golden color. Mail size, 50 cts. 2 to 3 feet, \$2.00. 3 to 4 feet, \$3.00.

**Obtusa Nana.** One of the finest of family in showy arrangements of foliage; dwarf, dense, slow-growing habit; and depth of color. Mail size, 50 cts. 8 to 10 inch, \$1.00.

**Obtusa Nana Aurea.** A beautiful golden form of above, foliage full rich yellow, the deepest shade of all golden evergreens. 15 to 18 inches, \$1.75.

**Pisifera Aurea.** A bright golden evergreen that holds its color; foliage light and airy. Fine for groups or specimen. Mail size 50 cts. 1½ to 2 feet, \$1.50; 10 for \$12.50. 2 to 3 feet, \$2.25; 10 for \$20.00. 3 to 4 feet, \$3.00; 10 for \$27.50.

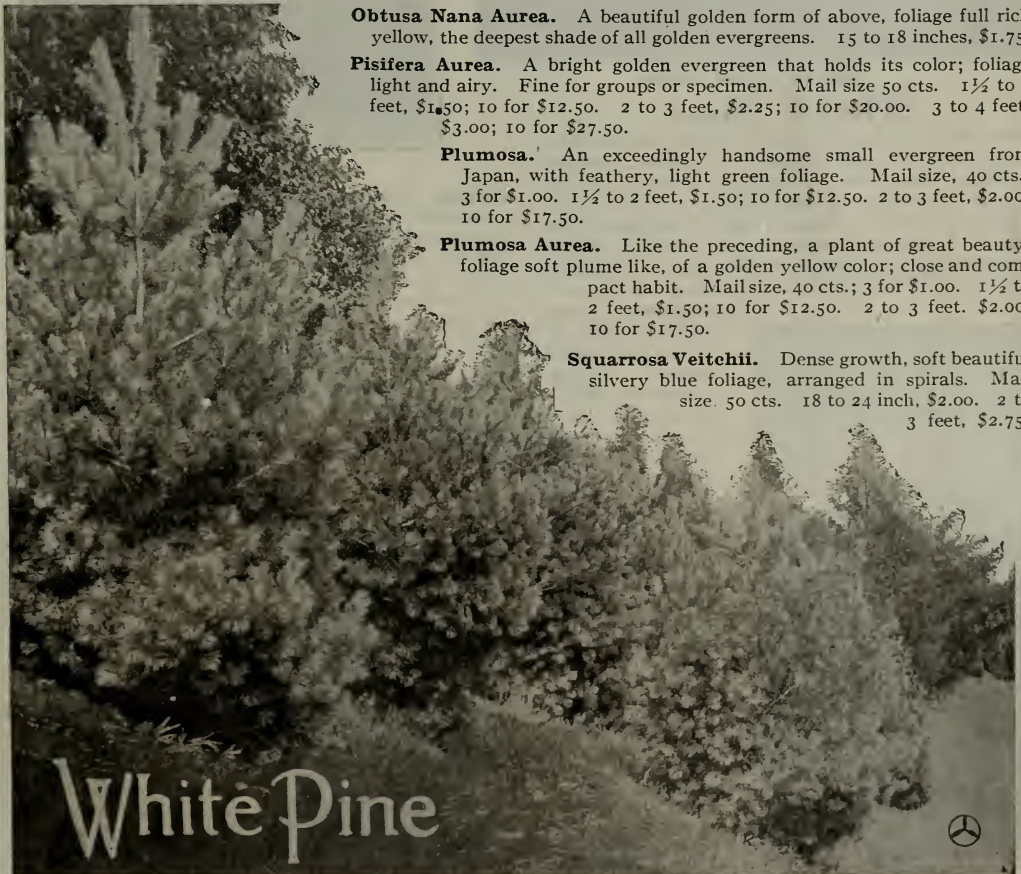
**Plumosa.** An exceedingly handsome small evergreen from Japan, with feathery, light green foliage. Mail size, 40 cts.; 3 for \$1.00. 1½ to 2 feet, \$1.50; 10 for \$12.50. 2 to 3 feet, \$2.00; 10 for \$17.50.

**Plumosa Aurea.** Like the preceding, a plant of great beauty; foliage soft plume like, of a golden yellow color; close and compact habit. Mail size, 40 cts.; 3 for \$1.00. 1½ to 2 feet, \$1.50; 10 for \$12.50. 2 to 3 feet, \$2.00; 10 for \$17.50.

**Squarrosa Veitchii.** Dense growth, soft beautiful silvery blue foliage, arranged in spirals. Mail size, 50 cts. 18 to 24 inch, \$2.00. 2 to 3 feet, \$2.75.



Retinispora Plumosa





Koster's Blue Spruce

## SPRUCE—Picea

**Alba.** (White Spruce.) One of the very best conifers, especially for cold climates. Compact, upright growing, long-lived, retaining its branches to the ground, aromatic, drought-resisting; varies in color from light green to glaucous blue. 2 to 3 feet, \$2.00.

**Black.** A handsome small tree with slender, pendulous branches. Valuable for cold climates and light, dry soils. Mail size, 40 cts.; 1½ to 2 feet, \$1.00.

**Douglassi.** From the mountains of Colorado. A rapid grower; foliage somewhat resembles Hemlock, leaves light green above, glaucous below. Conical form, branches spreading, light and graceful. Mail size, 50 cts. 1½ to 2 feet, \$1.50. 2 to 3 feet, \$2.50.

**Engelmanni.** From the Rocky Mountains, makes fine symmetrical specimens. Under side of leaves light blue. Mail size, 60 cts. 2 to 3 feet, \$2.50.

**Hemlock.** An elegant pyramidal tree with drooping branches and delicate, dark foliage.

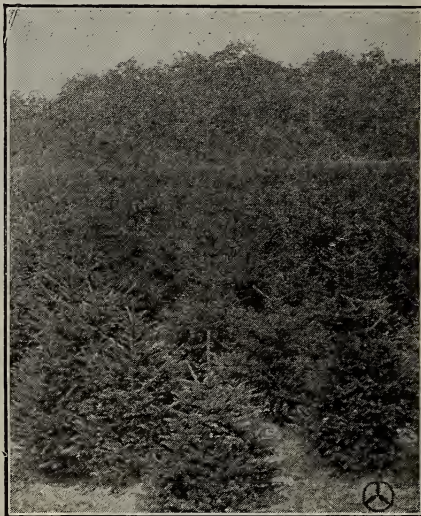


Hemlock

It is a beautiful lawn tree and makes a highly ornamental hedge. Mail size, 35 cts.; 3 for \$1.00. 2 to 3 feet, \$2.25 each; 10 for \$20.00. 3 to 4 feet, \$3.25 each; 10 for \$30.00.

**Colorado.** (Pungens.) The original form of the famous Blue Spruce; foliage sometimes quite blue, mostly light green. A vigorous grower, hardy, making fine specimens. Mail size, 40 cts. 1½ to 2 feet, \$1.00. 2 to 3 feet, \$1.50.

**Kosteriana.** (Blue Grafted.) The finest of all blue evergreens, kept true by grafting and selection, of extra fine color and compact free growth. 1½ to 2 feet, \$2.50. 2 to 2½ feet, \$3.50.



A Block of Norways

**Norway.** A lofty noble tree of pyramidal habit, exceedingly picturesque. Very popular, and one of the best evergreens for hedges. Mail size, 15 cts.; 8 for \$1.00; 100 for \$6.00.

|                    | Each  | Per 10 | Per 100 |
|--------------------|-------|--------|---------|
| 12 to 15 inch..... | \$.25 | \$2.00 | \$16.00 |
| 1½ to 2 feet.....  | .50   | 4.00   | 35.00   |
| 2 to 3 feet.....   | .75   | 6.00   | 50.00   |
| 3 to 4 feet.....   | 1.25  | 10.00  | 85.00   |
| 4 to 5 feet.....   | 1.75  | 15.00  | 125.00  |

**Norway Weeping.** (Inverta.) A variety of the Norway with larger foliage, lateral branches drooping like a willow. 2 to 3 feet, \$2.00.

## YEW—Taxus

The Yews are choice, dwarf evergreens, densely clothed with small, blackish green leaves. Fertile specimens have scarlet berries in autumn.

**Canadensis.** A native of Canadian forests; hardy anywhere. 15 to 18 inch, \$1.50.

**Cuspidata, Brevifolia.**

A very handsome, rare form of the Japan Yew, with short dark green leaves; dense bushy habit. Hardest of the Yews. 12 to 15 inches, \$1.25. 15 to 18 inches, \$1.75.



Yew—Brevifolia



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What we do want to call to your attention, however, are certain groups, sets and collections distributed throughout the book, which represent in each case careful selection and grouping of varieties to make up an ideal planting unit. This is done entirely in your interest; they are the "gist" of the 176 pages. We will make up these various sets in large quantities, thus being able to price them at a discount, and ensure for those who buy, in each case A BARGAIN.

## SEEDS

- 2nd Cover 3 Giant Comet Asters. 6 Sweet Peas.  
4th Cover 4 Choicest Vegetables.  
Page 3 Collections "A" and "B"—Vegetable Seeds.  
Page 33 Collections "C" and "Little Folks"—Flower Seeds.

## PLANTS AND ROSES

- Page 58 25 Separate, 50c Collections of Assorted Plants.

## SHRUBS

- Page 119 List of Shrubs for Special Purposes.  
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